Electronic Supplementary Material (ESI) for Sustainable Energy & Fuels.

Supplementary material II

Rapid, Comprehensive Screening of Ionic Liquids towards Sustainable Applications

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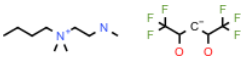
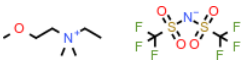
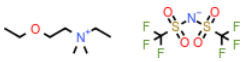
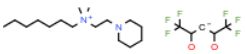
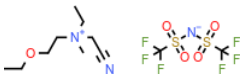
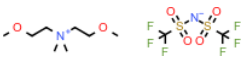
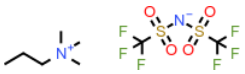
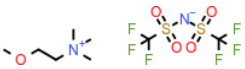
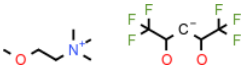
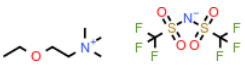
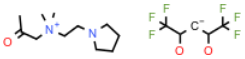
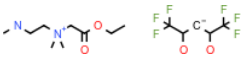
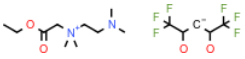
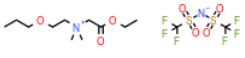
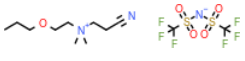
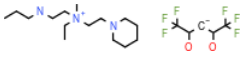
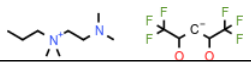
Table S1: Molecular structures of the low viscosity, room-temperature ionic liquids (ILs) selected by the machine learning models. For each IL, COSMO-RS computed values (at 25 °C) for CO_2, N_2, CH_4 and H_2S capture (in mole fraction), natural logarithms of microcrystalline cellulose (MCC), water, dodecane, naphthenic acid (NA) activity coefficients at infinite dilution (γ^{inf}) as well as critical micelle concentrations (CMC) are provided.

Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0015	0.1153	0.0008	0.0287	-2.0423	5.7540	0.0922	-4.7264	124.0000
	0.0014	0.1122	0.0013	0.0282	2.6573	6.4117	2.7649	3.8629	171.0000
	0.0015	0.1087	0.0013	0.0278	2.4780	6.3195	2.6550	3.5455	89.4000
	0.0027	0.1155	0.0011	0.0352	-2.6647	3.3708	0.4357	-3.6370	8.1900
	0.0012	0.0978	0.0011	0.0282	2.6765	7.5460	2.0912	2.5332	80.2000
	0.0017	0.1123	0.0014	0.0315	2.3472	5.5554	2.8784	3.9532	125.0000
	0.0013	0.1105	0.0013	0.0261	2.6663	6.8611	2.5505	3.5199	128.0000
	0.0012	0.1066	0.0011	0.0256	2.9271	7.2169	2.6807	3.5659	275.0000
	0.0010	0.1008	0.0011	0.0221	3.1652	8.1472	2.4583	3.2659	209.0000
	0.0009	0.0981	0.0006	0.0190	-0.5924	8.3869	0.2263	-3.8562	422.0000
	0.0012	0.1034	0.0012	0.0246	2.7494	7.1786	2.5235	3.2354	124.0000
	0.0017	0.1161	0.0014	0.0320	2.4068	5.5844	2.9232	4.1031	162.0000
	0.0017	0.1098	0.0009	0.0261	-1.6537	5.5477	0.3781	-3.3917	126.0000
	0.0016	0.1078	0.0010	0.0249	-1.5387	5.7783	0.4046	-3.2718	79.6000
	0.0019	0.1147	0.0011	0.0267	-1.8016	5.1052	0.4233	-3.2064	59.1000
	0.0021	0.1117	0.0018	0.0300	2.0069	4.9073	2.6791	3.8947	18.6000
	0.0011	0.0950	0.0010	0.0253	2.7078	8.1952	2.0028	2.1707	43.4000
	0.0025	0.1232	0.0010	0.0359	-2.6868	3.8455	0.2422	-4.2104	15.6000
	0.0018	0.1122	0.0015	0.0320	2.2128	5.2492	2.8563	3.9873	73.4000
	0.0016	0.1192	0.0008	0.0292	-1.9793	5.5237	0.2183	-4.3991	142.0000

Continued on next page

Table S1 – *Continued from previous page*

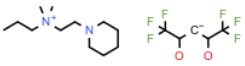
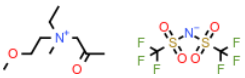
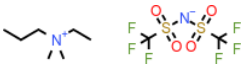
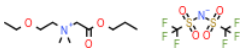
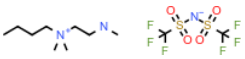
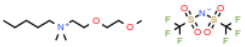
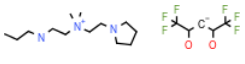
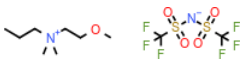
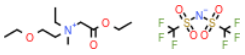
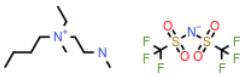
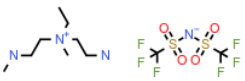
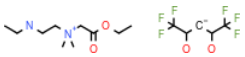
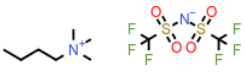
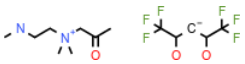
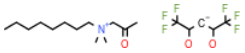
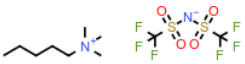
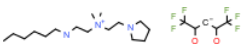
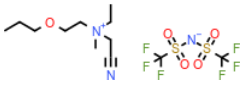
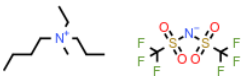
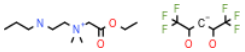
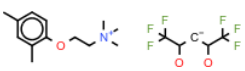
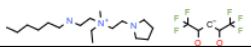
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1188	0.0009	0.0315	-2.3261	4.5714	0.2947	-4.2057	86.3000
	0.0014	0.1131	0.0014	0.0259	2.6500	6.7455	2.5347	3.6244	95.6000
	0.0014	0.1117	0.0013	0.0290	2.6216	6.2954	2.8095	3.8361	201.0000
	0.0021	0.1118	0.0018	0.0301	2.0011	4.8843	2.6814	3.9129	18.7000
	0.0017	0.1097	0.0013	0.0323	-0.0978	5.6048	1.8072	0.8106	72.5000
	0.0023	0.1163	0.0017	0.0359	1.8513	4.2392	2.9744	4.4229	20.2000
	0.0020	0.1126	0.0009	0.0323	-2.2046	4.8521	0.2188	-4.1340	45.9000
	0.0014	0.1083	0.0013	0.0280	2.4834	6.3300	2.6487	3.5500	92.9000
	0.0020	0.1170	0.0019	0.0308	2.0991	4.9615	2.7756	4.1838	25.5000
	0.0019	0.1147	0.0014	0.0354	-0.2965	4.9504	1.8978	1.0205	50.1000
	0.0012	0.1060	0.0010	0.0296	-1.1289	7.0678	0.6403	-2.4565	117.0000
	0.0018	0.1117	0.0011	0.0268	-1.7658	5.2408	0.4232	-3.2504	52.6000
	0.0014	0.1071	0.0012	0.0278	2.6109	6.4634	2.7331	3.5807	173.0000
	0.0012	0.1003	0.0008	0.0222	-0.9924	7.0727	0.3383	-3.3612	188.0000
	0.0020	0.1067	0.0010	0.0284	-1.9770	4.7265	0.4809	-3.2564	15.2000
	0.0016	0.1071	0.0013	0.0296	2.3665	5.8402	2.7846	3.6409	107.0000
	0.0025	0.1131	0.0010	0.0353	-2.5699	3.8838	0.2867	-3.9350	5.9800
	0.0014	0.0987	0.0012	0.0301	2.3851	6.9007	2.1183	2.4956	45.5000
	0.0021	0.1148	0.0016	0.0359	2.0310	4.4178	3.0701	4.4641	54.2000
	0.0020	0.1108	0.0011	0.0274	-1.9302	4.7916	0.4635	-3.1701	28.2000
	0.0016	0.1126	0.0010	0.0295	-1.5317	6.0761	0.4331	-3.5155	62.3000
	0.0027	0.1217	0.0011	0.0375	-2.7533	3.5424	0.2630	-4.0384	4.5300

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Table S1 – *Continued from previous page*

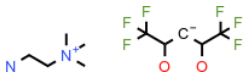
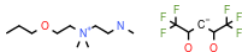
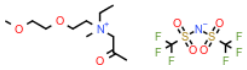
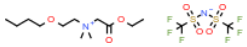
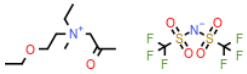
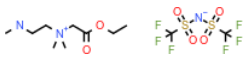
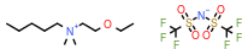
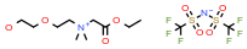
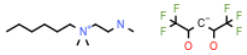
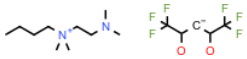
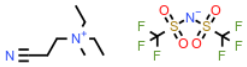
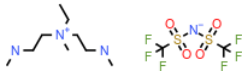
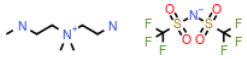
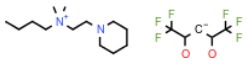
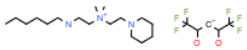
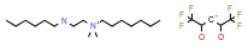
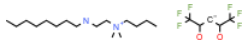
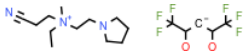
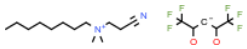
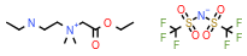
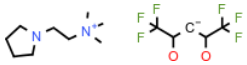
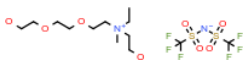
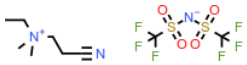
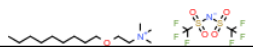
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0006	0.0878	0.0004	0.0181	-0.6685	9.6972	-0.2492	-5.0826	829.0000
	0.0016	0.1130	0.0008	0.0283	-1.9464	5.6882	0.1599	-4.3178	65.2000
	0.0018	0.1201	0.0017	0.0303	2.2119	5.6392	2.6278	3.8355	44.9000
	0.0023	0.1109	0.0019	0.0314	1.8881	4.4868	2.7435	4.0660	10.2000
	0.0017	0.1154	0.0016	0.0292	2.3197	5.7699	2.6561	3.8065	56.0000
	0.0017	0.1089	0.0016	0.0282	2.2600	5.6884	2.5990	3.6323	49.6000
	0.0021	0.1106	0.0015	0.0340	1.9071	4.6162	2.8707	4.0287	27.3000
	0.0017	0.1091	0.0017	0.0256	1.8880	5.9197	1.5597	2.1669	37.9000
	0.0019	0.1157	0.0009	0.0313	-2.3718	4.8846	0.1586	-4.5695	39.8000
	0.0018	0.1189	0.0009	0.0307	-2.1561	5.0531	0.2516	-4.3121	83.2000
	0.0008	0.0936	0.0008	0.0227	3.5234	9.6336	2.0846	2.7473	147.0000
	0.0016	0.1127	0.0012	0.0330	-0.5418	5.9737	1.3041	-0.5462	76.2000
	0.0015	0.1019	0.0011	0.0318	2.5195	6.2578	2.7144	3.6502	186.0000
	0.0021	0.1189	0.0010	0.0322	-2.3678	4.4006	0.3195	-4.0941	70.0000
	0.0027	0.1124	0.0010	0.0358	-2.6390	3.5318	0.3637	-3.6858	3.7400
	0.0029	0.1132	0.0011	0.0363	-2.8145	3.2212	0.3726	-3.7319	1.2400
	0.0027	0.1147	0.0011	0.0359	-2.7257	3.3963	0.3772	-3.7738	2.0700
	0.0014	0.0997	0.0007	0.0288	-1.0847	6.7257	0.3859	-3.1658	88.6000
	0.0015	0.0931	0.0007	0.0293	-1.3123	6.2074	0.4797	-3.1814	13.5000
	0.0019	0.1105	0.0017	0.0302	2.1109	5.1603	2.6815	3.8609	33.6000
	0.0013	0.1082	0.0007	0.0255	-1.5813	6.4860	0.1729	-4.4060	362.0000
	0.0017	0.1114	0.0015	0.0282	1.6207	5.8963	1.2345	1.8665	56.2000
	0.0006	0.0854	0.0007	0.0192	3.9583	10.7718	1.9752	2.5744	202.0000
	0.0024	0.1027	0.0015	0.0343	1.6214	4.0514	2.8120	3.8406	3.1800

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Table S1 – *Continued from previous page*

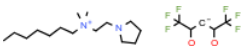
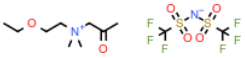
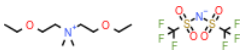
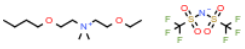
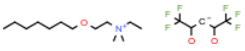
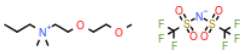
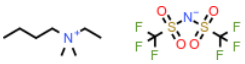
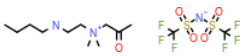
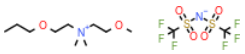
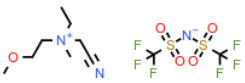
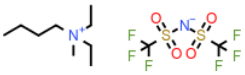
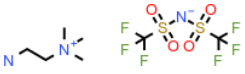
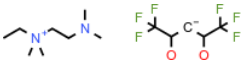
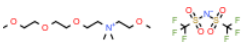
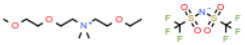
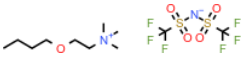
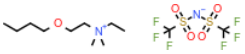
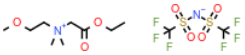
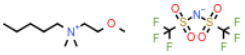
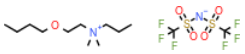
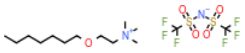
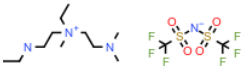
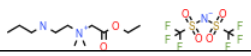
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0025	0.1160	0.0010	0.0345	-2.5749	3.8007	0.3518	-3.9139	13.9000
	0.0015	0.1092	0.0014	0.0259	2.4674	6.4707	2.4527	3.3291	67.8000
	0.0018	0.1124	0.0015	0.0304	2.1635	5.5627	2.6605	3.6419	47.7000
	0.0022	0.1110	0.0016	0.0339	1.8538	4.4707	2.8400	4.0658	16.1000
	0.0022	0.1120	0.0010	0.0308	-2.2721	4.3336	0.4430	-3.6392	9.8600
	0.0019	0.1164	0.0016	0.0327	2.1298	5.0544	2.8471	4.0929	65.3000
	0.0016	0.1113	0.0013	0.0309	2.3753	5.6689	2.8581	3.8938	126.0000
	0.0019	0.1073	0.0015	0.0306	2.0005	5.2752	2.5583	3.4228	27.0000
	0.0017	0.1117	0.0015	0.0302	2.1518	5.5888	2.6424	3.5946	46.3000
	0.0009	0.0922	0.0010	0.0237	3.2330	8.9838	1.9498	2.4515	137.0000
	0.0019	0.1153	0.0015	0.0339	2.2058	4.9751	3.0071	4.2851	90.5000
	0.0007	0.0919	0.0008	0.0211	0.2851	9.3663	0.9248	-1.2345	395.0000
	0.0014	0.1179	0.0007	0.0270	-1.7045	6.2389	0.1690	-4.4904	258.0000
	0.0022	0.1200	0.0017	0.0338	1.8242	4.7596	2.6610	3.8492	20.9000
	0.0019	0.1108	0.0014	0.0331	2.1522	5.0178	2.9262	4.0554	77.3000
	0.0019	0.1173	0.0016	0.0325	2.1212	5.2251	2.7467	3.9531	51.7000
	0.0016	0.1045	0.0013	0.0282	2.2364	5.9292	2.6115	3.2875	45.7000
	0.0018	0.1082	0.0014	0.0310	2.0786	5.2810	2.7398	3.6635	32.4000
	0.0015	0.1116	0.0016	0.0254	2.4284	6.3093	2.4772	3.4855	55.6000
	0.0019	0.1106	0.0015	0.0322	2.0720	5.0906	2.8175	3.8936	44.2000
	0.0021	0.1103	0.0015	0.0338	1.9188	4.6352	2.8559	3.9987	26.7000
	0.0021	0.1039	0.0014	0.0322	1.7951	4.6662	2.7350	3.5804	9.4300
	0.0021	0.1150	0.0014	0.0372	-0.3467	4.7586	1.8742	1.0757	30.1000
	0.0021	0.1097	0.0018	0.0309	1.9403	4.7001	2.7226	3.9122	18.5000

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Table S1 – *Continued from previous page*

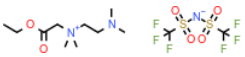
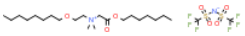
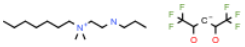
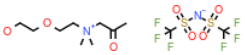
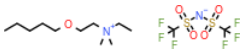
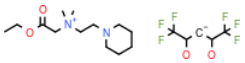
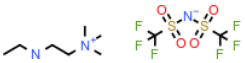
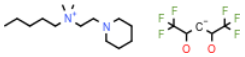
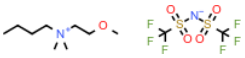
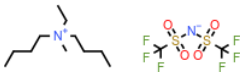
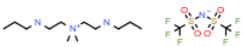
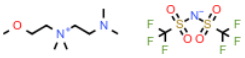
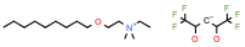
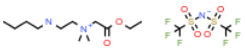
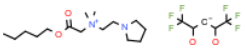
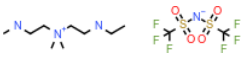
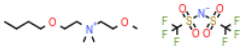
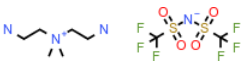
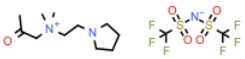
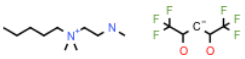
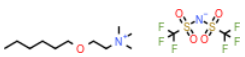
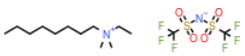
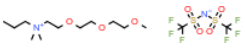
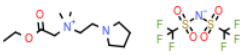
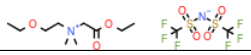
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0020	0.1133	0.0018	0.0302	2.0749	5.0349	2.6798	3.8924	37.1000
	0.0036	0.0999	0.0020	0.0382	1.4538	2.5241	3.0247	5.2170	0.0647
	0.0024	0.1153	0.0010	0.0343	-2.6057	3.9020	0.3114	-4.0693	7.1900
	0.0013	0.1046	0.0014	0.0229	2.2978	7.1451	1.4611	1.9365	83.2000
	0.0020	0.1074	0.0014	0.0321	1.9418	4.8997	2.7719	3.7396	19.6000
	0.0022	0.1143	0.0012	0.0287	-2.0796	4.3622	0.4656	-3.0869	43.6000
	0.0012	0.1045	0.0011	0.0268	0.5040	7.0547	1.7515	0.8035	161.0000
	0.0024	0.1173	0.0010	0.0336	-2.5385	3.8849	0.3654	-3.9394	27.1000
	0.0016	0.1099	0.0014	0.0298	2.2967	5.7849	2.7175	3.6751	85.3000
	0.0023	0.1124	0.0016	0.0371	1.9238	4.0323	3.1288	4.6374	33.3000
	0.0024	0.1085	0.0015	0.0378	-0.3059	4.1425	2.1175	1.7561	15.2000
	0.0018	0.1157	0.0015	0.0321	2.1606	5.3438	2.7753	3.8755	83.5000
	0.0025	0.1111	0.0011	0.0326	-2.4268	3.7867	0.5064	-3.3791	3.1000
	0.0023	0.1089	0.0018	0.0328	1.8585	4.3763	2.7741	4.0932	11.7000
	0.0026	0.1117	0.0013	0.0313	-2.2900	3.6712	0.5397	-2.8143	9.6500
	0.0020	0.1095	0.0014	0.0353	2.1019	4.9136	2.8923	4.0778	92.9000
	0.0020	0.1115	0.0016	0.0325	1.9739	4.8756	2.7866	3.9217	26.3000
	0.0007	0.0873	0.0007	0.0223	-0.3996	9.4424	0.2707	-3.0572	252.0000
	0.0018	0.1100	0.0015	0.0297	2.0890	5.4437	2.5563	3.4672	77.6000
	0.0017	0.1149	0.0008	0.0298	-2.2132	5.3325	0.1213	-4.6722	72.9000
	0.0019	0.1042	0.0014	0.0310	1.9167	5.0388	2.6959	3.4647	16.2000
	0.0024	0.1073	0.0015	0.0359	1.8402	4.0265	3.0371	4.3790	16.4000
	0.0022	0.1206	0.0017	0.0350	1.8091	4.6534	2.7852	4.0065	41.3000
	0.0022	0.1118	0.0018	0.0319	1.9111	4.4768	2.7697	4.1114	32.3000
	0.0018	0.1120	0.0017	0.0275	2.1928	5.6648	2.5410	3.5811	33.0000

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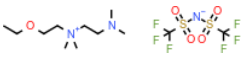
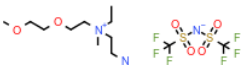
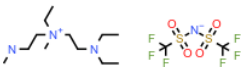
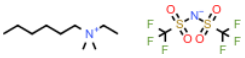
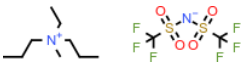
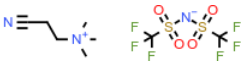
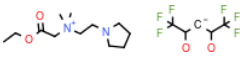
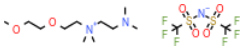
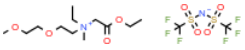
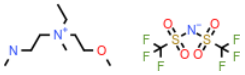
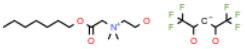
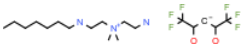
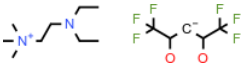
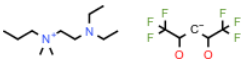
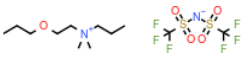
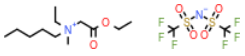
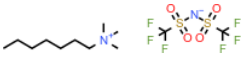
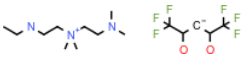
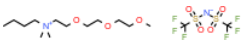
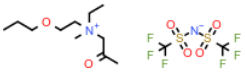
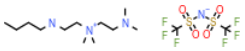
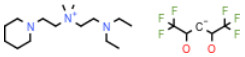
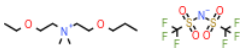
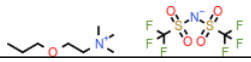
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0022	0.1129	0.0016	0.0349	1.9851	4.5510	2.9227	4.2222	42.3000
	0.0020	0.1154	0.0015	0.0363	1.8088	4.8933	2.7638	3.8323	47.1000
	0.0026	0.1140	0.0017	0.0397	1.8123	3.6864	3.1001	4.7612	37.0000
	0.0020	0.1099	0.0014	0.0338	2.0488	4.7207	2.9579	4.1229	46.4000
	0.0019	0.1152	0.0015	0.0342	2.1758	4.9224	2.9903	4.2512	102.0000
	0.0005	0.0787	0.0006	0.0162	4.3988	11.8974	1.8789	2.4332	261.0000
	0.0021	0.1152	0.0012	0.0283	-2.0352	4.5647	0.4402	-3.2122	49.5000
	0.0023	0.1197	0.0017	0.0355	1.7973	4.4259	2.8360	4.1142	30.2000
	0.0022	0.1225	0.0021	0.0326	1.9917	4.6125	2.8214	4.4067	20.6000
	0.0018	0.1155	0.0015	0.0330	2.1886	5.3951	2.7827	3.9223	80.5000
	0.0020	0.0884	0.0012	0.0245	-1.2513	4.7804	0.6978	-1.3858	7.2500
	0.0019	0.1070	0.0008	0.0325	-2.7986	4.9222	-0.1010	-5.2324	8.7500
	0.0017	0.1215	0.0009	0.0287	-2.0458	5.3331	0.2586	-4.3380	186.0000
	0.0020	0.1193	0.0010	0.0313	-2.3028	4.5890	0.2962	-4.1430	58.6000
	0.0019	0.1082	0.0014	0.0314	2.0453	5.1817	2.7439	3.6970	32.6000
	0.0022	0.1120	0.0018	0.0322	1.9518	4.5442	2.8019	4.1468	20.9000
	0.0019	0.1063	0.0014	0.0325	2.0304	4.8843	2.8793	3.8509	39.4000
	0.0017	0.1133	0.0008	0.0299	-2.0375	5.5739	0.1347	-4.4454	73.0000
	0.0023	0.1204	0.0017	0.0363	1.6444	4.4170	2.7503	3.8844	28.3000
	0.0019	0.1138	0.0016	0.0307	2.1111	5.2858	2.6714	3.7877	36.8000
	0.0026	0.1091	0.0016	0.0386	1.7124	3.6679	3.0534	4.5819	15.5000
	0.0025	0.1147	0.0010	0.0339	-2.4816	3.8041	0.3818	-3.6436	18.5000
	0.0020	0.1117	0.0015	0.0320	1.9992	5.0764	2.7157	3.7526	27.7000
	0.0014	0.1044	0.0012	0.0266	2.4523	6.4725	2.5710	3.2444	74.6000

Continued on next page

Table S1 – *Continued from previous page*

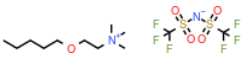
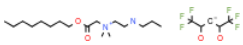
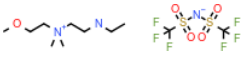
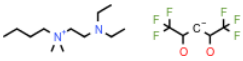
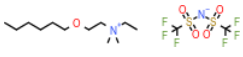
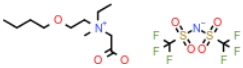
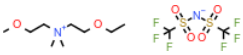
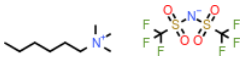
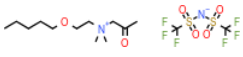
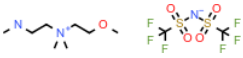
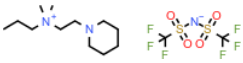
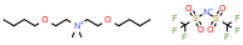
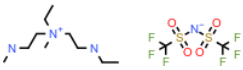
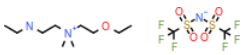
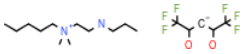
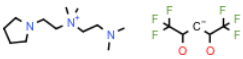
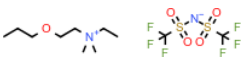
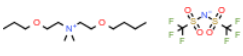
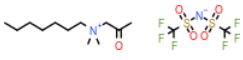
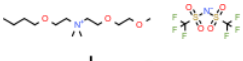
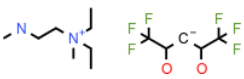
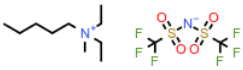
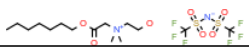
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0018	0.1046	0.0013	0.0297	2.0566	5.4471	2.6547	3.3703	27.3000
	0.0011	0.1054	0.0013	0.0221	2.9000	7.7246	2.2899	3.1189	123.0000
	0.0030	0.1062	0.0013	0.0332	-2.3689	3.1969	0.6480	-2.3889	0.9560
	0.0015	0.1098	0.0013	0.0294	0.4411	6.1976	1.8546	1.2258	72.6000
	0.0022	0.1186	0.0010	0.0325	-2.4284	4.2087	0.3339	-4.0206	33.4000
	0.0024	0.1097	0.0016	0.0357	1.8526	4.0470	3.0266	4.4510	13.9000
	0.0019	0.1001	0.0018	0.0255	0.9391	5.2797	-0.0328	-1.1889	27.0000
	0.0015	0.1120	0.0014	0.0283	2.3729	6.1844	2.5887	3.5179	77.7000
	0.0018	0.1069	0.0013	0.0311	2.1815	5.3341	2.8305	3.7318	64.9000
	0.0020	0.1084	0.0016	0.0304	1.9031	5.0051	2.5697	3.5005	13.6000
	0.0016	0.1098	0.0013	0.0307	2.4133	5.9445	2.7329	3.7634	98.1000
	0.0022	0.1094	0.0015	0.0352	1.3094	4.4408	2.6879	3.4341	53.5000
	0.0026	0.1081	0.0017	0.0362	1.6782	3.7765	2.9356	4.3818	5.2100
	0.0017	0.1129	0.0013	0.0338	-0.5416	5.5880	1.4221	-0.1911	50.5000
	0.0018	0.1111	0.0014	0.0322	0.3585	5.4733	2.0063	1.5675	40.0000
	0.0021	0.1168	0.0009	0.0327	-2.5255	4.4412	0.2132	-4.4238	21.7000
	0.0018	0.1110	0.0009	0.0304	-1.8927	5.3700	0.2472	-3.9094	133.0000
	0.0018	0.1120	0.0015	0.0318	2.2041	5.2407	2.8668	4.0092	67.7000
	0.0024	0.1093	0.0017	0.0352	1.7499	4.0949	2.8866	4.2138	9.2900
	0.0020	0.1061	0.0015	0.0306	1.8808	5.0000	2.5928	3.3986	15.6000
	0.0023	0.1124	0.0016	0.0346	1.5928	4.4079	2.6949	3.7372	7.0400
	0.0014	0.1238	0.0007	0.0279	-1.9197	6.2593	0.0016	-5.0159	256.0000
	0.0021	0.1139	0.0015	0.0351	2.0584	4.5634	3.0323	4.3549	58.0000
	0.0021	0.0990	0.0017	0.0276	1.2542	4.7451	1.3585	1.4436	6.2800

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Table S1 – *Continued from previous page*

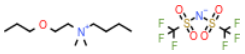
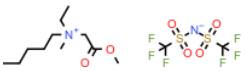
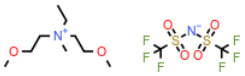
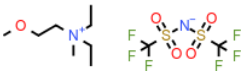
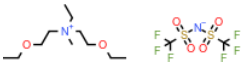
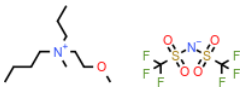
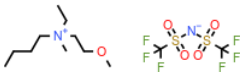
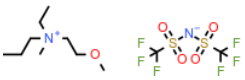
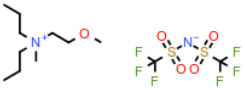
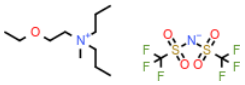
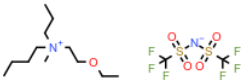
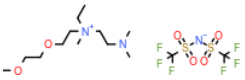
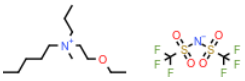
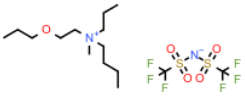
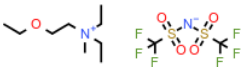
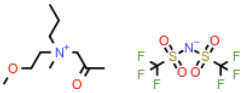
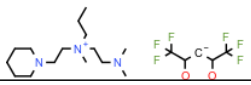
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0010	0.0963	0.0011	0.0205	2.6524	8.0586	1.2028	1.4012	316.0000
	0.0021	0.1094	0.0015	0.0333	1.9366	4.7385	2.8257	3.9139	31.5000
	0.0020	0.1113	0.0018	0.0303	2.0631	4.9475	2.7401	3.9927	26.2000
	0.0016	0.1163	0.0015	0.0294	2.4209	6.0777	2.6862	3.8084	92.3000
	0.0017	0.1172	0.0015	0.0316	2.4215	5.5835	2.9217	4.2099	120.0000
	0.0024	0.1165	0.0017	0.0365	1.9412	4.0864	3.0809	4.6827	32.0000
	0.0021	0.1140	0.0016	0.0350	1.9425	4.5419	2.9322	4.2291	34.6000
	0.0019	0.1124	0.0015	0.0329	2.0781	5.0494	2.8404	3.9904	40.0000
	0.0019	0.1155	0.0015	0.0332	2.2275	5.0933	2.9386	4.2195	89.2000
	0.0019	0.1130	0.0015	0.0331	2.0635	5.0205	2.8292	3.9811	44.9000
	0.0022	0.1125	0.0016	0.0347	1.9041	4.5094	2.8908	4.1430	25.7000
	0.0024	0.1132	0.0017	0.0366	1.8096	4.0849	2.9932	4.4088	20.7000
	0.0022	0.1258	0.0016	0.0368	0.5976	4.5288	2.2657	2.3270	19.4000
	0.0025	0.1092	0.0017	0.0368	1.7226	3.8368	2.9918	4.4536	8.8300
	0.0026	0.1113	0.0017	0.0375	1.7371	3.7745	3.0396	4.5653	12.2000
	0.0019	0.1172	0.0016	0.0334	2.2421	5.0345	2.9876	4.3481	81.1000
	0.0016	0.1129	0.0015	0.0276	2.3493	6.1313	2.5119	3.5116	56.5000
	0.0026	0.1251	0.0011	0.0368	-2.6218	3.6072	0.3411	-3.8707	18.0000

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Table S1 – *Continued from previous page*

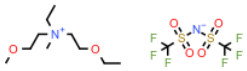
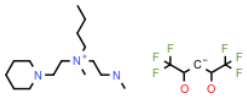
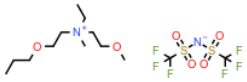
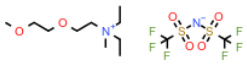
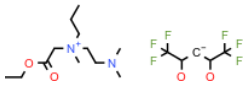
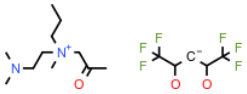
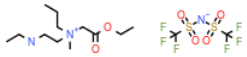
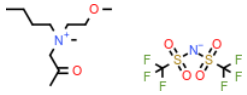
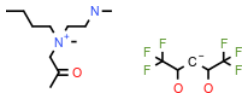
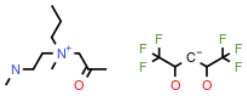
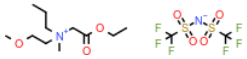
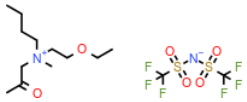
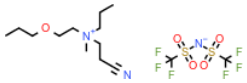
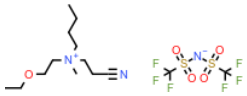
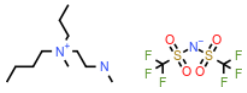
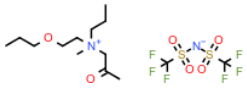
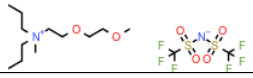
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0018	0.1168	0.0015	0.0317	2.1221	5.4077	2.7246	3.8231	47.3000
	0.0025	0.1226	0.0010	0.0364	-2.7282	3.7672	0.2143	-4.2811	14.8000
	0.0021	0.1161	0.0017	0.0339	1.9928	4.7006	2.8780	4.1996	32.2000
	0.0020	0.1210	0.0016	0.0338	2.0093	4.9578	2.8629	4.1173	50.0000
	0.0023	0.1243	0.0013	0.0304	-2.2324	4.1375	0.4267	-3.2825	27.0000
	0.0019	0.1204	0.0011	0.0286	-1.9278	5.0182	0.3640	-3.5411	65.8000
	0.0024	0.1128	0.0019	0.0340	1.9058	4.2739	2.8558	4.3707	19.4000
	0.0017	0.1092	0.0015	0.0286	2.1332	5.7283	2.4860	3.3704	26.0000
	0.0018	0.1121	0.0010	0.0285	-1.8431	5.1604	0.3936	-3.4448	46.3000
	0.0016	0.1114	0.0009	0.0269	-1.6580	5.6406	0.3606	-3.5152	80.8000
	0.0019	0.1145	0.0018	0.0296	2.0994	5.2309	2.6534	3.8999	26.7000
	0.0021	0.1133	0.0017	0.0324	1.9343	4.7414	2.7254	3.9673	18.0000
	0.0015	0.1029	0.0012	0.0311	2.2270	6.7500	2.1956	2.5992	17.2000
	0.0014	0.1016	0.0012	0.0304	2.2050	6.8166	2.1362	2.4483	19.2000
	0.0022	0.1140	0.0015	0.0372	-0.7777	4.4544	1.8039	0.7158	30.4000
	0.0021	0.1132	0.0017	0.0323	1.9387	4.7667	2.7131	3.9352	18.1000
	0.0024	0.1172	0.0018	0.0369	1.8602	4.0449	3.0180	4.5792	28.8000

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Table S1 – *Continued from previous page*

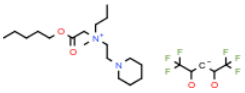
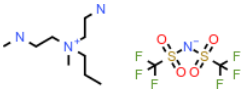
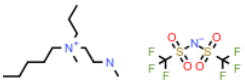
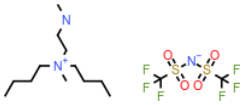
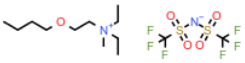
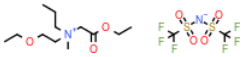
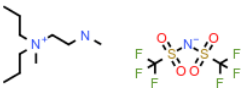
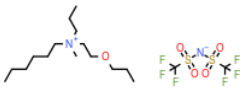
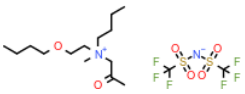
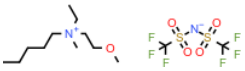
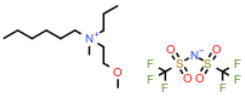
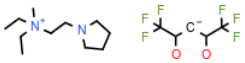
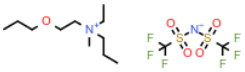
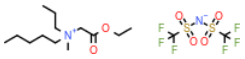
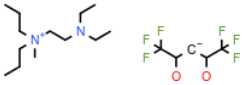
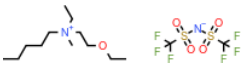
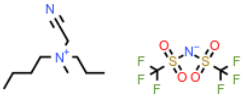
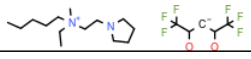
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0032	0.1235	0.0015	0.0353	-2.6812	2.8368	0.5149	-2.9627	4.1100
	0.0014	0.1055	0.0010	0.0317	-1.3536	6.3795	0.7318	-2.2639	71.7000
	0.0023	0.1124	0.0015	0.0381	-0.9988	4.1465	1.7992	0.7313	18.8000
	0.0024	0.1128	0.0015	0.0384	-0.8234	4.0959	1.8724	0.9313	17.8000
	0.0023	0.1139	0.0016	0.0356	1.9891	4.2992	3.0546	4.5222	30.6000
	0.0022	0.1153	0.0019	0.0316	1.9560	4.7179	2.7193	4.0747	19.7000
	0.0020	0.1153	0.0014	0.0357	-0.7133	4.8916	1.7404	0.5608	55.4000
	0.0029	0.1083	0.0017	0.0392	1.6257	3.2416	3.1283	4.9006	4.0500
	0.0023	0.1107	0.0017	0.0337	1.7318	4.3278	2.7048	3.9241	6.7400
	0.0021	0.1143	0.0016	0.0346	1.9670	4.5903	2.9215	4.2194	35.7000
	0.0025	0.1112	0.0017	0.0370	1.7566	3.8679	3.0245	4.5198	11.9000
	0.0018	0.1316	0.0009	0.0318	-2.2728	5.0205	0.1672	-4.6529	170.0000
	0.0021	0.1140	0.0016	0.0344	1.9573	4.6633	2.8977	4.1271	39.8000
	0.0025	0.1102	0.0019	0.0337	1.8089	4.0546	2.8560	4.3305	10.9000
	0.0025	0.1278	0.0011	0.0351	-2.6538	3.7194	0.3103	-4.1115	25.6000
	0.0022	0.1142	0.0016	0.0353	1.9114	4.4651	2.9186	4.2117	34.1000
	0.0014	0.0977	0.0011	0.0312	2.3351	6.7953	2.1328	2.4341	53.1000
	0.0024	0.1281	0.0010	0.0357	-2.6677	3.8641	0.2597	-4.3324	32.3000

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Table S1 – *Continued from previous page*

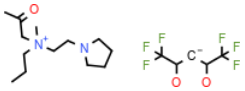
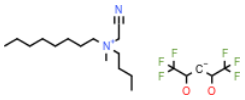
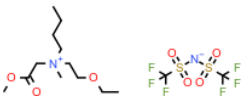
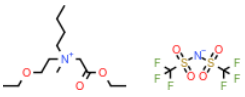
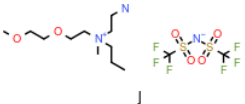
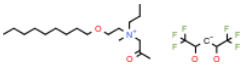
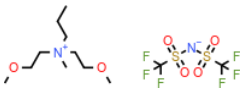
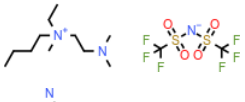
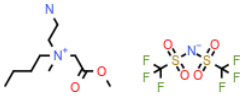
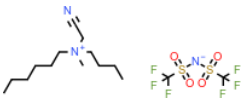
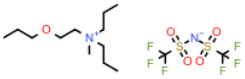
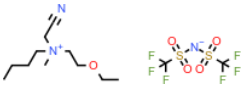
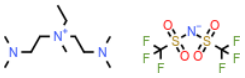
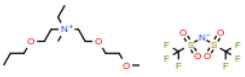
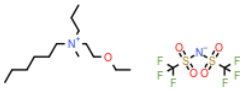
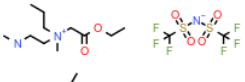
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0021	0.1200	0.0011	0.0303	-2.1457	4.4842	0.3880	-3.5079	52.9000
	0.0022	0.0919	0.0009	0.0347	-1.7239	4.6167	0.6323	-2.3802	5.0200
	0.0023	0.1142	0.0020	0.0322	1.9330	4.4064	2.8208	4.3496	13.1000
	0.0023	0.1142	0.0019	0.0326	1.8514	4.3905	2.7487	4.1715	12.3000
	0.0021	0.1138	0.0015	0.0367	1.9204	4.8094	2.8068	4.0245	41.5000
	0.0029	0.1129	0.0013	0.0339	-2.4099	3.2514	0.6045	-2.6128	0.8590
	0.0018	0.1164	0.0016	0.0317	2.1508	5.3506	2.7565	3.9347	53.1000
	0.0023	0.1153	0.0015	0.0376	0.7638	4.2870	2.5813	3.0838	33.9000
	0.0018	0.1057	0.0016	0.0302	2.1196	5.4812	2.6386	3.7452	39.3000
	0.0019	0.0985	0.0013	0.0360	1.7594	5.3032	2.2427	2.5986	11.0000
	0.0024	0.1132	0.0017	0.0366	1.8240	4.0666	3.0052	4.4454	20.8000
	0.0016	0.1001	0.0013	0.0326	2.1401	6.2304	2.1769	2.6152	28.4000
	0.0021	0.1153	0.0015	0.0370	0.7231	4.7065	2.3258	2.4846	38.5000
	0.0023	0.1198	0.0018	0.0363	1.8628	4.3371	2.8915	4.3303	26.5000
	0.0027	0.1102	0.0017	0.0384	1.6623	3.5088	3.0739	4.7021	7.0300
	0.0022	0.1119	0.0018	0.0327	1.9881	4.6335	2.7989	4.1841	20.6000
	0.0019	0.1131	0.0014	0.0344	-0.3969	5.0959	1.7861	0.9017	39.4000

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Table S1 – *Continued from previous page*

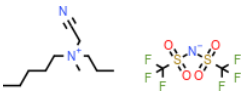
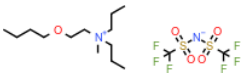
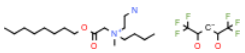
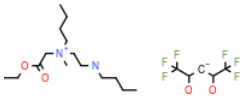
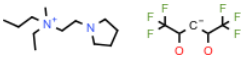
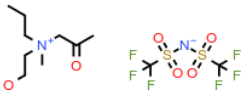
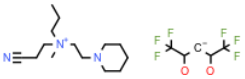
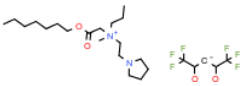
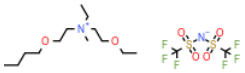
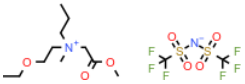
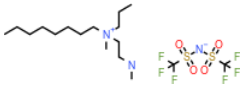
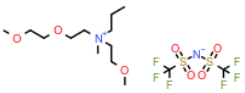
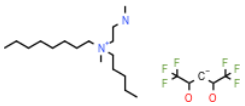
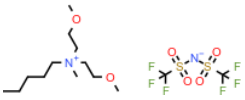
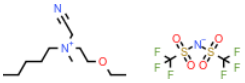
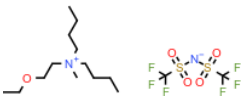
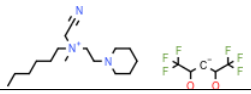
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0016	0.0977	0.0012	0.0327	2.0980	6.2754	2.1355	2.3663	35.5000
	0.0025	0.1108	0.0017	0.0371	1.7319	3.8824	2.9855	4.4263	15.0000
	0.0030	0.1095	0.0013	0.0353	-2.5202	3.1611	0.5816	-2.8096	1.0400
	0.0027	0.1177	0.0013	0.0332	-2.4155	3.5010	0.5167	-2.9623	5.2600
	0.0020	0.1291	0.0009	0.0332	-2.4394	4.5930	0.1835	-4.5895	105.0000
	0.0013	0.1000	0.0014	0.0229	2.1081	6.8913	1.1377	1.2456	95.3000
	0.0016	0.0965	0.0008	0.0302	-1.2513	6.2254	0.4307	-3.0424	36.6000
	0.0033	0.1210	0.0015	0.0361	-2.7191	2.6548	0.5520	-2.8185	1.6000
	0.0027	0.1121	0.0018	0.0378	1.7501	3.5750	3.1037	4.8099	9.6900
	0.0021	0.1153	0.0019	0.0308	2.0584	4.7954	2.7778	4.2328	22.7000
	0.0028	0.1085	0.0016	0.0406	-0.7803	3.3290	2.0985	1.7067	3.3300
	0.0021	0.1191	0.0017	0.0339	1.8191	4.7653	2.7189	3.8843	29.5000
	0.0030	0.1214	0.0011	0.0384	-3.0161	3.0122	0.2819	-4.0640	1.4500
	0.0024	0.1144	0.0017	0.0363	1.8158	4.0948	2.9799	4.4634	16.7000
	0.0018	0.1006	0.0013	0.0341	1.9465	5.7664	2.1981	2.5911	19.0000
	0.0026	0.1115	0.0017	0.0377	1.7272	3.7576	3.0389	4.5712	12.0000
	0.0023	0.1027	0.0010	0.0369	-1.9469	4.4210	0.5426	-2.7785	14.2000

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Table S1 – *Continued from previous page*

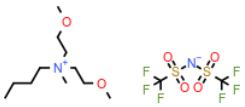
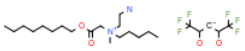
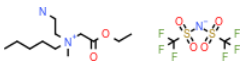
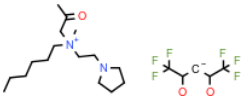
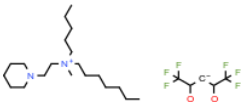
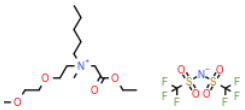
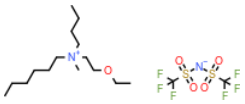
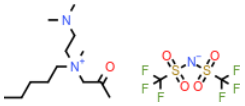
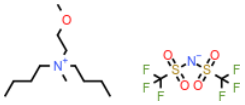
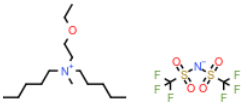
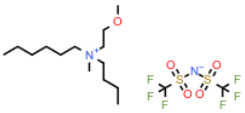
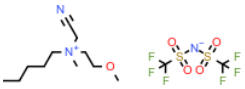
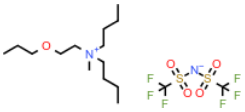
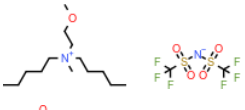
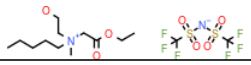
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1154	0.0016	0.0329	2.0130	4.9802	2.7769	3.9792	33.6000
	0.0031	0.1074	0.0013	0.0356	-2.5388	3.0180	0.6090	-2.6707	0.5940
	0.0023	0.1069	0.0017	0.0343	1.8686	4.4157	2.8288	4.1964	13.7000
	0.0024	0.1209	0.0011	0.0330	-2.3969	3.9511	0.3927	-3.5987	15.9000
	0.0034	0.1200	0.0012	0.0390	-2.9077	2.5317	0.4941	-3.2951	1.2900
	0.0029	0.1150	0.0021	0.0362	1.6536	3.5181	2.9450	4.7643	2.5700
	0.0029	0.1085	0.0018	0.0392	1.6115	3.2530	3.1161	4.8699	4.0600
	0.0024	0.1131	0.0017	0.0352	1.7774	4.1577	2.8113	4.1808	14.8000
	0.0023	0.1125	0.0016	0.0362	1.8280	4.1520	2.9775	4.3740	20.3000
	0.0028	0.1095	0.0017	0.0389	1.6474	3.4188	3.0719	4.7404	6.4700
	0.0027	0.1095	0.0017	0.0380	1.6736	3.5697	3.0583	4.6578	6.8200
	0.0016	0.0990	0.0012	0.0324	2.1079	6.2555	2.1394	2.4525	30.2000
	0.0027	0.1091	0.0017	0.0382	1.6756	3.5358	3.0652	4.6780	7.7800
	0.0026	0.1090	0.0017	0.0376	1.6945	3.6560	3.0326	4.5771	8.9400
	0.0021	0.1040	0.0018	0.0283	1.3792	4.7820	1.2818	1.6441	15.2000

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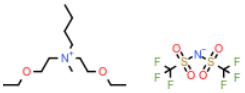
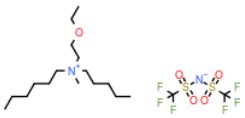
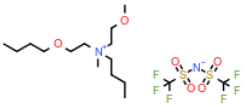
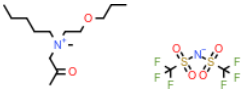
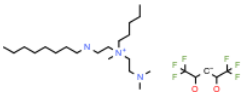
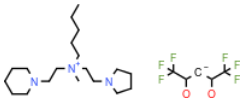
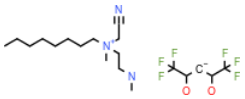
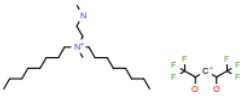
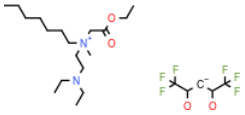
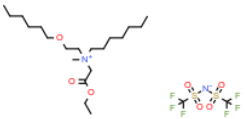
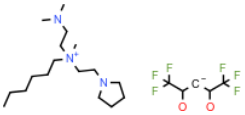
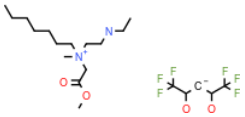
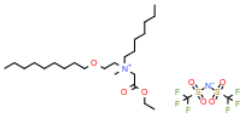
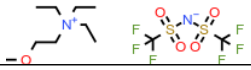
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0024	0.1146	0.0017	0.0364	1.7459	4.0726	2.9072	4.3216	11.2000
	0.0031	0.1069	0.0018	0.0399	1.5835	3.0358	3.1592	5.0420	2.3100
	0.0027	0.1131	0.0018	0.0380	1.7204	3.5950	3.0665	4.7726	6.7500
	0.0024	0.1109	0.0017	0.0338	1.7328	4.3083	2.7083	3.9436	6.8000
	0.0033	0.1168	0.0012	0.0399	-2.8425	2.7577	0.4297	-3.3087	0.2650
	0.0030	0.1208	0.0012	0.0388	-2.8025	2.9990	0.3848	-3.5919	5.5600
	0.0021	0.0997	0.0009	0.0361	-1.8326	4.8427	0.5359	-2.9552	7.6900
	0.0034	0.1180	0.0012	0.0399	-3.0495	2.5194	0.3936	-3.5525	0.2440
	0.0031	0.1080	0.0014	0.0335	-2.5009	3.0680	0.5434	-2.5361	1.2900
	0.0036	0.1036	0.0021	0.0388	1.5346	2.5759	3.1066	5.4306	0.2100
	0.0028	0.1239	0.0011	0.0382	-2.6788	3.4074	0.3466	-3.7353	7.0700
	0.0024	0.1086	0.0012	0.0309	-2.2946	4.0007	0.4225	-3.0893	2.9400
	0.0038	0.1003	0.0021	0.0396	1.4193	2.3397	3.0738	5.4595	0.0372
	0.0017	0.1183	0.0015	0.0320	2.3159	5.6184	2.8298	4.0028	119.0000

Continued on next page

Table S1 – *Continued from previous page*

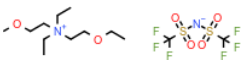
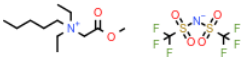
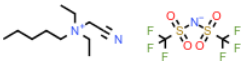
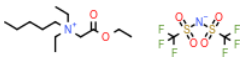
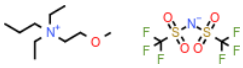
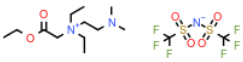
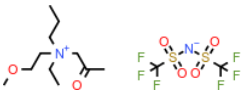
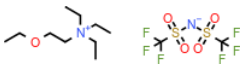
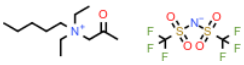
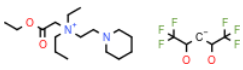
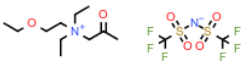
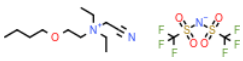
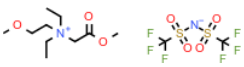
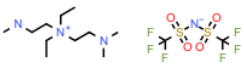
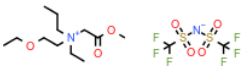
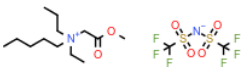
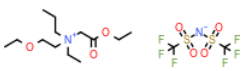
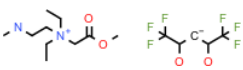
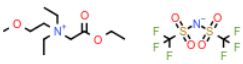
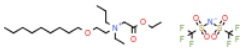
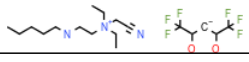
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1191	0.0016	0.0344	1.9549	4.8652	2.8182	4.0143	29.0000
	0.0023	0.1169	0.0019	0.0333	1.9962	4.3495	2.9389	4.5620	19.6000
	0.0016	0.1030	0.0012	0.0340	2.2674	6.2742	2.3004	2.9041	45.8000
	0.0025	0.1151	0.0020	0.0347	1.8734	3.9802	2.9474	4.6318	14.5000
	0.0020	0.1192	0.0016	0.0339	2.1423	4.9669	2.9259	4.2553	59.0000
	0.0025	0.1224	0.0020	0.0355	1.9751	4.0840	3.0234	4.8199	30.7000
	0.0018	0.1172	0.0016	0.0306	2.2293	5.5479	2.6766	3.8586	61.1000
	0.0020	0.1196	0.0016	0.0336	2.1463	4.9811	2.9307	4.2548	53.6000
	0.0021	0.1160	0.0017	0.0336	1.9795	4.6861	2.8124	4.1039	28.2000
	0.0026	0.1243	0.0013	0.0331	-2.3952	3.6568	0.4502	-3.1460	15.6000
	0.0018	0.1160	0.0016	0.0298	2.2036	5.5503	2.6282	3.7824	31.4000
	0.0018	0.1019	0.0014	0.0342	1.8379	5.5492	1.9006	2.5483	22.1000
	0.0016	0.1160	0.0016	0.0272	2.3924	6.2033	2.4977	3.5753	50.7000
	0.0025	0.1167	0.0017	0.0391	1.8284	3.9465	3.0471	4.5752	46.3000
	0.0021	0.1186	0.0020	0.0314	2.0253	4.8221	2.7437	4.1801	24.3000
	0.0025	0.1153	0.0020	0.0347	1.8753	3.9455	2.9806	4.7122	12.1000
	0.0024	0.1177	0.0020	0.0337	1.8855	4.2673	2.8382	4.4155	15.0000
	0.0017	0.1173	0.0011	0.0269	-1.6951	5.5290	0.3720	-3.3997	78.8000
	0.0020	0.1158	0.0018	0.0310	2.1360	5.0683	2.7315	4.0640	34.0000
	0.0036	0.1047	0.0021	0.0393	1.5645	2.5767	3.1299	5.4958	0.2390
	0.0017	0.0927	0.0008	0.0323	-1.3714	5.7453	0.4485	-2.7729	17.5000

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Table S1 – *Continued from previous page*

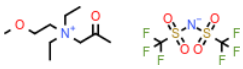
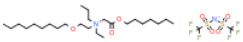
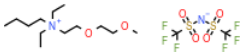
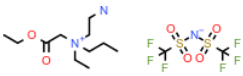
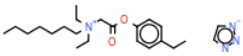
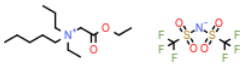
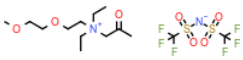
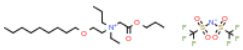
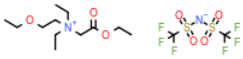
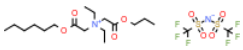
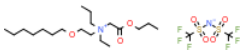
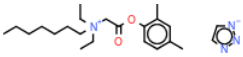
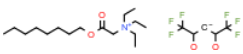
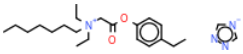
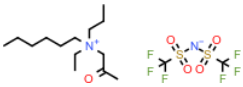
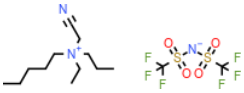
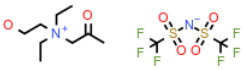
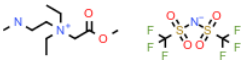
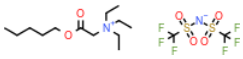
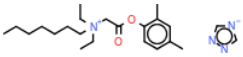
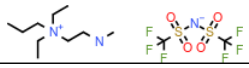
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0016	0.1163	0.0015	0.0282	2.4455	6.2212	2.5888	3.7089	69.4000
	0.0042	0.0977	0.0022	0.0414	1.5196	1.9387	3.2554	6.1584	0.0128
	0.0027	0.1181	0.0018	0.0390	1.7171	3.6295	3.1051	4.8149	10.7000
	0.0021	0.1106	0.0017	0.0336	2.0860	4.8579	2.8369	4.2716	41.3000
	0.0016	0.1155	0.0016	0.0274	2.5579	6.1556	2.6806	3.9623	89.2000
	0.0024	0.2028	0.0010	0.0391	-6.0365	4.0792	-2.4791	-12.6525	3.9400
	0.0027	0.1138	0.0020	0.0362	1.7844	3.5786	3.0278	4.8752	8.6800
	0.0020	0.1230	0.0018	0.0319	2.1158	5.1921	2.6774	4.0106	35.9000
	0.0037	0.1029	0.0021	0.0398	1.5355	2.3818	3.1575	5.6560	0.1350
	0.0022	0.1190	0.0019	0.0320	2.0227	4.7521	2.7732	4.2171	24.6000
	0.0030	0.1093	0.0023	0.0341	1.5591	3.2909	2.7527	4.6032	1.2400
	0.0035	0.1058	0.0021	0.0389	1.5603	2.6910	3.0863	5.3491	0.4250
	0.0024	0.2173	0.0010	0.0412	-6.1916	3.9979	-2.5654	-13.0645	5.1700
	0.0028	0.1217	0.0014	0.0331	-2.4832	3.4068	0.5152	-3.0518	3.7600
	0.0024	0.2026	0.0010	0.0387	-6.4097	4.1068	-2.7296	-13.4845	4.1300
	0.0025	0.1119	0.0017	0.0358	1.7333	3.9667	2.8578	4.2918	9.4800
	0.0018	0.1031	0.0013	0.0360	2.0457	5.7055	2.3273	2.9594	30.2000
	0.0013	0.1055	0.0014	0.0235	2.2352	6.9225	1.1748	1.5107	125.0000
	0.0018	0.1138	0.0017	0.0303	2.2410	5.4401	2.6904	3.9558	49.4000
	0.0024	0.1143	0.0019	0.0337	1.9005	4.2421	2.8806	4.3867	12.9000
	0.0024	0.2173	0.0010	0.0406	-6.5689	4.0277	-2.8226	-13.9156	5.4400
	0.0020	0.1200	0.0014	0.0361	-0.5095	4.9371	1.7802	0.6551	69.6000

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Table S1 – *Continued from previous page*

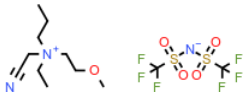
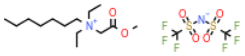
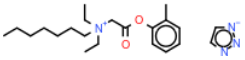
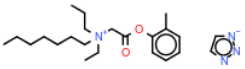
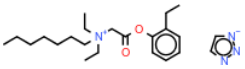
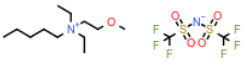
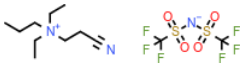
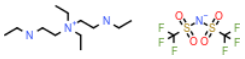
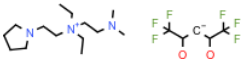
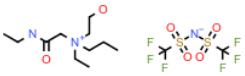
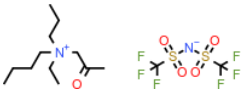
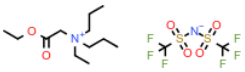
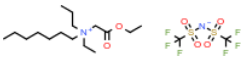
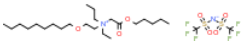
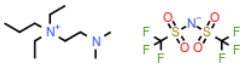
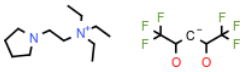
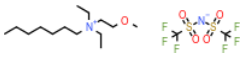
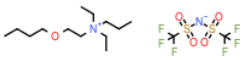
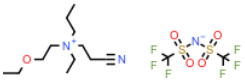
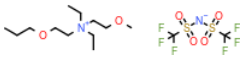
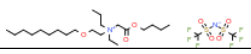
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0013	0.1004	0.0012	0.0294	2.6490	7.4069	2.1067	2.7067	79.8000
	0.0027	0.1139	0.0020	0.0353	1.8234	3.7369	3.0189	4.8152	6.5800
	0.0023	0.2213	0.0010	0.0404	-6.1690	4.2194	-2.6072	-13.2460	8.6700
	0.0025	0.2239	0.0010	0.0419	-6.2584	3.9376	-2.5947	-13.1942	5.1400
	0.0025	0.2224	0.0010	0.0413	-6.2035	4.0186	-2.5846	-13.1198	5.4800
	0.0023	0.1159	0.0017	0.0363	1.8742	4.1905	3.0031	4.4652	20.8000
	0.0012	0.1046	0.0010	0.0292	2.7942	7.7675	2.2470	2.9072	82.5000
	0.0027	0.1130	0.0017	0.0406	1.8232	3.5966	3.1598	4.9216	20.7000
	0.0023	0.1368	0.0011	0.0367	-2.5388	4.2260	0.1988	-4.4025	69.0000
	0.0017	0.1024	0.0015	0.0268	1.5002	5.7578	1.1801	1.1534	33.6000
	0.0022	0.1155	0.0017	0.0341	1.9313	4.5673	2.8162	4.1287	26.6000
	0.0023	0.1176	0.0020	0.0339	1.9798	4.3087	2.9291	4.5409	29.2000
	0.0031	0.1104	0.0021	0.0376	1.6866	3.1175	3.1040	5.1598	2.8600
	0.0040	0.1000	0.0022	0.0408	1.5350	2.1193	3.2237	5.9679	0.0398
	0.0022	0.1202	0.0016	0.0379	1.2133	4.4320	2.7104	3.5061	60.4000
	0.0020	0.1387	0.0010	0.0341	-2.5062	4.5747	0.1484	-4.7909	137.0000
	0.0027	0.1128	0.0018	0.0381	1.7377	3.5936	3.0987	4.7857	6.9300
	0.0026	0.1144	0.0017	0.0374	1.7903	3.8101	3.0695	4.6646	11.8000
	0.0016	0.1110	0.0013	0.0351	2.1771	6.1544	2.4219	3.1886	31.3000
	0.0022	0.1176	0.0017	0.0356	1.8234	4.4722	2.8622	4.1282	17.2000
	0.0039	0.1014	0.0022	0.0404	1.5396	2.2303	3.2003	5.8448	0.0696

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Table S1 – *Continued from previous page*

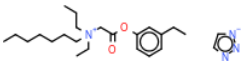
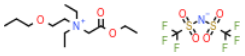
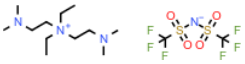
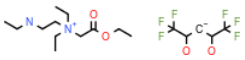
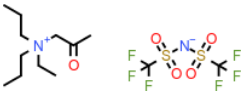
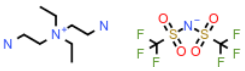
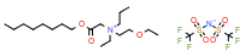
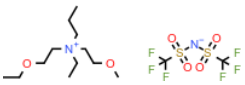
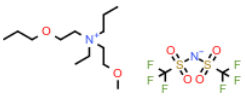
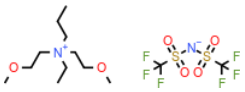
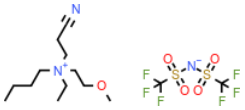
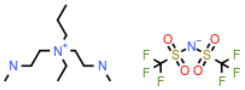
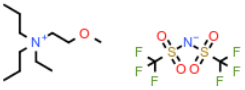
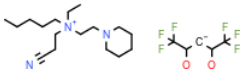
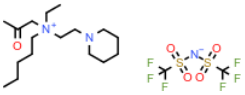
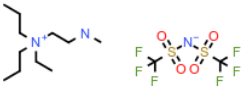
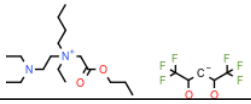
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0026	0.2125	0.0010	0.0414	-6.2128	3.7640	-2.5103	-12.8287	2.1700
	0.0022	0.1150	0.0018	0.0324	1.8892	4.7016	2.6717	3.9029	12.7000
	0.0023	0.1202	0.0016	0.0393	0.7680	4.3563	2.4542	2.8671	38.6000
	0.0021	0.1272	0.0012	0.0302	-2.1502	4.7727	0.2691	-3.7630	29.4000
	0.0019	0.1170	0.0016	0.0322	2.1230	5.1269	2.7414	3.9637	53.7000
	0.0015	0.1042	0.0012	0.0344	2.2798	6.0525	2.6676	3.5367	172.0000
	0.0033	0.1073	0.0021	0.0383	1.5227	2.8565	3.0058	5.1046	0.5750
	0.0023	0.1186	0.0018	0.0359	1.9023	4.3130	2.9211	4.3994	31.7000
	0.0024	0.1159	0.0018	0.0366	1.7631	4.0575	2.9458	4.4284	15.1000
	0.0020	0.1183	0.0016	0.0334	2.0235	5.0663	2.7652	3.9687	45.0000
	0.0014	0.1048	0.0012	0.0313	2.2668	6.8141	2.1789	2.6689	22.1000
	0.0020	0.1162	0.0014	0.0369	-0.7286	4.9338	1.4538	-0.0261	37.2000
	0.0022	0.1177	0.0017	0.0358	1.9588	4.4277	2.9826	4.4025	37.2000
	0.0022	0.1147	0.0010	0.0377	-2.0189	4.5982	0.4508	-3.2072	14.9000
	0.0030	0.1173	0.0019	0.0395	1.6441	3.2758	3.0815	4.9234	12.9000
	0.0022	0.1194	0.0015	0.0380	-0.5500	4.5257	1.9190	1.0877	55.8000
	0.0030	0.1196	0.0015	0.0345	-2.4438	3.2243	0.5279	-2.7121	3.0900

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Table S1 – *Continued from previous page*

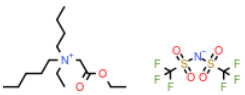
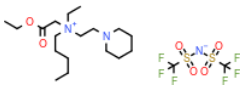
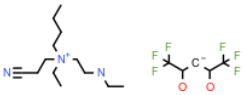
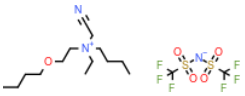
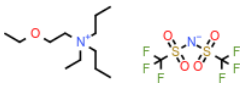
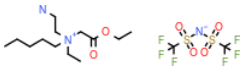
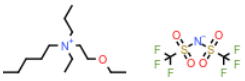
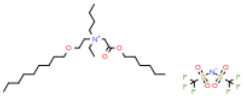
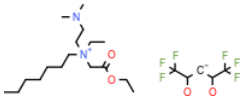
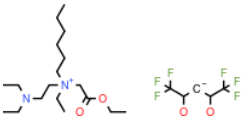
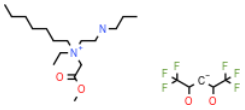
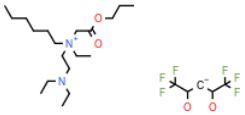
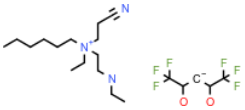
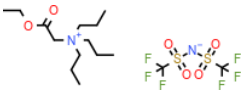
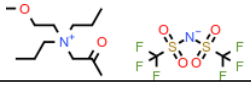
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1114	0.0021	0.0370	1.7175	3.3416	3.0426	4.9705	5.0400
	0.0033	0.1141	0.0022	0.0395	1.6850	2.8614	3.1995	5.4779	7.3400
	0.0015	0.1000	0.0008	0.0315	-1.3445	6.2826	0.3222	-3.3041	19.8000
	0.0022	0.1056	0.0015	0.0393	1.8087	4.7697	2.5183	3.4879	9.2900
	0.0024	0.1164	0.0017	0.0372	1.8446	3.9861	3.0522	4.6054	21.3000
	0.0024	0.1090	0.0018	0.0362	1.8395	4.1027	2.9426	4.5351	13.4000
	0.0028	0.1127	0.0018	0.0390	1.6868	3.3966	3.1323	4.8957	7.1900
	0.0043	0.0978	0.0022	0.0416	1.5303	1.9184	3.2680	6.2101	0.0147
	0.0031	0.1332	0.0015	0.0362	-2.7665	2.9044	0.4586	-3.3106	3.4700
	0.0031	0.1169	0.0015	0.0350	-2.4640	3.0368	0.5715	-2.5192	1.4300
	0.0029	0.1210	0.0014	0.0346	-2.5234	3.3834	0.4485	-3.0796	1.4100
	0.0033	0.1156	0.0015	0.0358	-2.5175	2.7988	0.5982	-2.3764	0.7490
	0.0019	0.1031	0.0009	0.0345	-1.6627	5.3654	0.4180	-3.1062	5.3300
	0.0026	0.1152	0.0020	0.0354	1.8474	3.8674	2.9594	4.6910	18.2000
	0.0021	0.1178	0.0017	0.0331	2.0396	4.8481	2.8219	4.1953	34.0000

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Table S1 – *Continued from previous page*

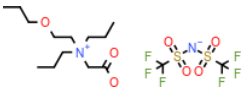
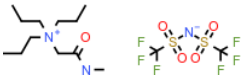
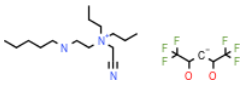
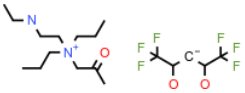
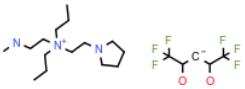
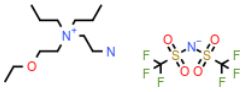
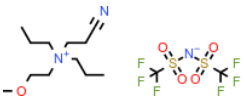
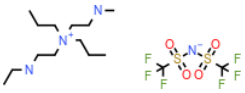
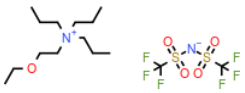
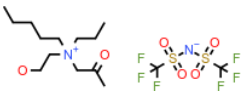
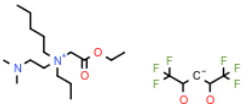
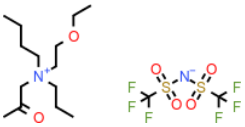
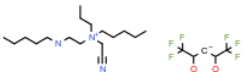
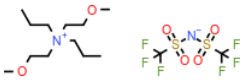
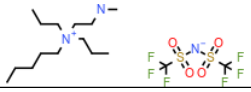
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1015	0.0020	0.0284	0.7601	4.5657	0.0844	-0.7507	13.8000
	0.0021	0.1110	0.0016	0.0331	1.5138	4.9009	2.0901	2.7241	28.8000
	0.0022	0.0936	0.0009	0.0358	-1.7126	4.7336	0.5172	-2.4788	5.3300
	0.0021	0.1218	0.0011	0.0315	-2.1272	4.7202	0.2920	-3.7038	25.4000
	0.0025	0.1293	0.0011	0.0378	-2.6697	3.8758	0.1616	-4.3235	26.2000
	0.0026	0.1102	0.0016	0.0403	1.7212	3.7815	3.0491	4.5874	30.5000
	0.0014	0.1041	0.0012	0.0310	2.3021	6.8759	2.1617	2.6334	30.2000
	0.0028	0.1113	0.0018	0.0417	1.7464	3.3487	3.1666	4.9868	22.7000
	0.0027	0.1143	0.0018	0.0387	1.7430	3.5842	3.1108	4.8056	13.4000
	0.0021	0.1044	0.0017	0.0302	1.3939	4.7388	1.3135	1.7387	18.0000
	0.0028	0.1222	0.0014	0.0346	-2.4376	3.4243	0.4772	-2.9736	5.2700
	0.0026	0.1158	0.0019	0.0365	1.7652	3.8684	2.9257	4.5520	8.9300
	0.0025	0.0931	0.0010	0.0376	-1.8637	4.1734	0.5814	-2.2224	1.7400
	0.0021	0.1168	0.0017	0.0345	1.9188	4.7372	2.7736	4.0004	34.5000
	0.0028	0.1142	0.0016	0.0416	-0.6303	3.4609	2.1354	1.7965	11.5000

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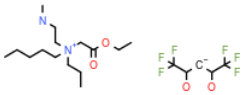
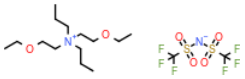
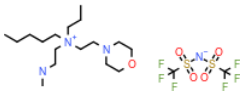
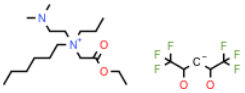
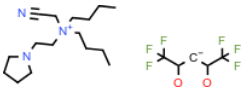
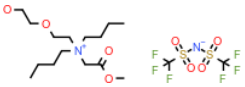
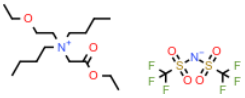
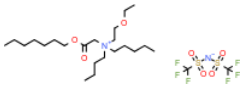
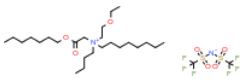
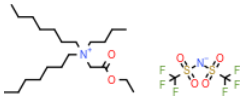
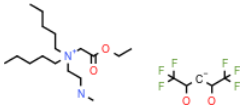
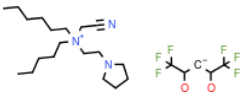
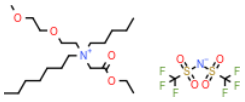
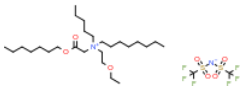
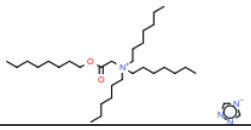
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0025	0.1183	0.0013	0.0329	-2.4022	3.9137	0.3424	-3.3588	8.7700
	0.0027	0.1135	0.0019	0.0376	1.6841	3.6439	3.0041	4.6663	4.9100
	0.0028	0.1190	0.0016	0.0419	-1.0539	3.6161	1.7567	0.8454	3.7000
	0.0030	0.1208	0.0014	0.0347	-2.5467	3.0853	0.5189	-2.8554	4.2700
	0.0023	0.1059	0.0010	0.0373	-2.0270	4.2773	0.5085	-2.8559	13.2000
	0.0026	0.1110	0.0021	0.0331	1.2274	3.8827	1.8265	2.9989	4.1000
	0.0030	0.1153	0.0022	0.0377	1.7239	3.2664	3.1011	5.1892	3.8200
	0.0038	0.1049	0.0022	0.0406	1.5052	2.3826	3.1594	5.6731	0.1780
	0.0042	0.1004	0.0022	0.0417	1.4759	2.0115	3.2321	6.0556	0.0268
	0.0040	0.1002	0.0022	0.0412	1.5819	2.0789	3.3239	6.1445	0.1090
	0.0028	0.1177	0.0014	0.0349	-2.5795	3.4008	0.3933	-3.2012	2.7000
	0.0027	0.1034	0.0011	0.0390	-2.1764	3.6733	0.5825	-2.5216	2.7100
	0.0038	0.1062	0.0023	0.0406	1.4141	2.3483	3.0998	5.5755	0.1280
	0.0043	0.0996	0.0022	0.0422	1.4920	1.9049	3.2701	6.2255	0.0144
	0.0039	0.2304	0.0011	0.0472	-7.3365	2.0910	-2.8496	-13.9705	0.0029

Continued on next page

Table S1 – *Continued from previous page*

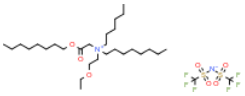
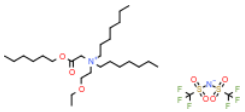
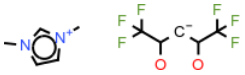
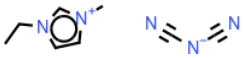
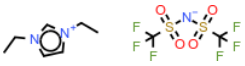
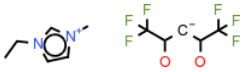
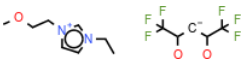
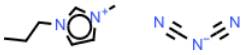
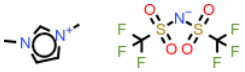
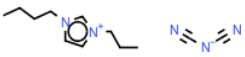
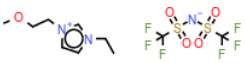
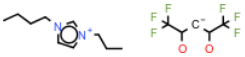
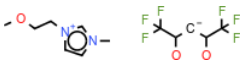
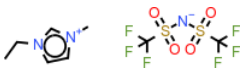
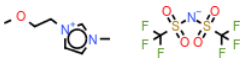
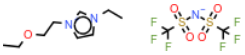
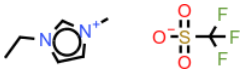
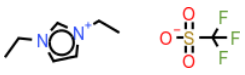
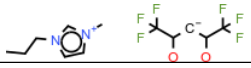
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0045	0.0969	0.0022	0.0425	1.4910	1.7483	3.2949	6.3997	0.0053
	0.0043	0.0995	0.0022	0.0419	1.4735	1.9502	3.2223	6.0888	0.0175
	0.0008	0.1105	0.0006	0.0196	-0.3701	8.7247	0.2232	-3.7303	884.0000
	0.0006	0.1079	0.0004	0.0248	0.0782	9.6414	-0.2987	-4.4025	4250.0000
	0.0015	0.1193	0.0015	0.0285	2.5795	6.4595	2.5442	3.4569	201.0000
	0.0011	0.1165	0.0008	0.0226	-0.9187	7.5048	0.2547	-3.8086	589.0000
	0.0014	0.1217	0.0009	0.0253	-1.2703	6.5941	0.2994	-3.6483	233.0000
	0.0008	0.1080	0.0004	0.0267	-0.3028	8.8582	-0.2655	-4.5795	2290.0000
	0.0012	0.1210	0.0005	0.0336	-1.2225	6.9875	-0.2232	-5.0105	686.0000
	0.0009	0.1127	0.0012	0.0220	3.4753	8.6780	2.3926	3.3121	419.0000
	0.0018	0.1193	0.0010	0.0290	-1.8569	5.1610	0.3721	-3.6085	138.0000
	0.0013	0.1211	0.0006	0.0353	-1.4563	6.4476	-0.1877	-5.0268	371.0000
	0.0015	0.1195	0.0015	0.0284	2.5119	6.5446	2.4991	3.4115	131.0000
	0.0020	0.1174	0.0011	0.0303	-2.0174	4.7039	0.4104	-3.4950	81.9000
	0.0011	0.1169	0.0008	0.0226	-0.8433	7.5561	0.2735	-3.6000	348.0000
	0.0012	0.1166	0.0013	0.0254	2.9790	7.4844	2.4718	3.3511	298.0000
	0.0012	0.1168	0.0013	0.0253	2.8558	7.4910	2.4072	3.2760	187.0000
	0.0016	0.1191	0.0015	0.0300	2.1863	6.0047	2.4742	3.2642	96.8000
	0.0007	0.1214	0.0006	0.0170	2.0769	9.7033	0.9218	-0.7064	2300.0000
	0.0009	0.1321	0.0007	0.0205	1.3466	8.2150	0.9690	-1.0182	1330.0000
	0.0013	0.1174	0.0008	0.0249	-1.3065	6.5974	0.2982	-3.8026	357.0000

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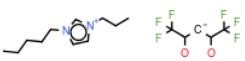
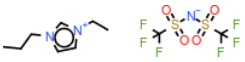
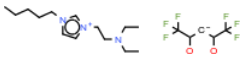
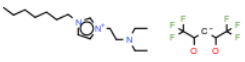
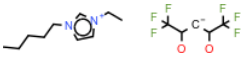
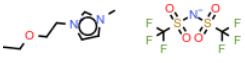
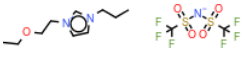
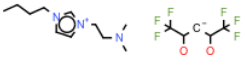
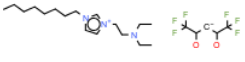
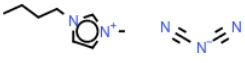
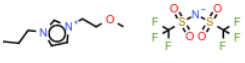
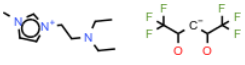
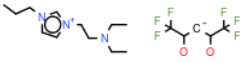
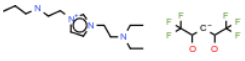
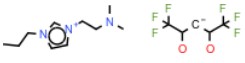
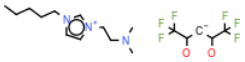
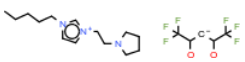
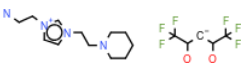
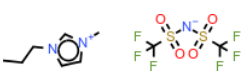
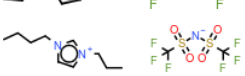
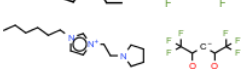
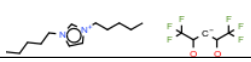
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0022	0.1165	0.0011	0.0314	-2.1427	4.3246	0.4462	-3.3713	47.7000
	0.0017	0.1176	0.0016	0.0306	2.2900	5.7477	2.5876	3.4913	129.0000
	0.0026	0.1127	0.0012	0.0337	-2.2586	3.6440	0.5155	-2.8157	10.9000
	0.0029	0.1086	0.0012	0.0346	-2.3440	3.2259	0.5807	-2.5091	3.5100
	0.0019	0.1165	0.0016	0.0325	2.0792	5.1505	2.6439	3.6234	81.1000
	0.0020	0.1178	0.0010	0.0300	-1.9857	4.7906	0.4121	-3.5013	80.7000
	0.0014	0.1169	0.0014	0.0274	2.5330	6.7534	2.4122	3.1942	128.0000
	0.0019	0.1180	0.0016	0.0321	1.9686	5.3854	2.5320	3.3736	61.1000
	0.0021	0.1156	0.0011	0.0314	-1.9790	4.6400	0.4083	-3.2978	46.1000
	0.0031	0.1081	0.0013	0.0355	-2.3840	3.0188	0.6128	-2.3547	1.9300
	0.0009	0.1076	0.0004	0.0281	-0.5902	8.2355	-0.2258	-4.6529	1260.0000
	0.0017	0.1190	0.0016	0.0306	2.2465	5.8452	2.5639	3.4973	80.5000
	0.0018	0.1154	0.0010	0.0289	-1.8162	5.2131	0.3705	-3.5050	93.3000
	0.0023	0.1155	0.0011	0.0320	-2.1075	4.2202	0.4425	-3.1142	33.3000
	0.0025	0.1126	0.0011	0.0337	-2.2479	4.0129	0.3808	-3.1273	8.8700
	0.0019	0.1165	0.0010	0.0302	-1.8462	5.0309	0.3710	-3.4072	79.9000
	0.0023	0.1144	0.0011	0.0324	-2.0928	4.2960	0.4409	-3.1773	26.4000
	0.0017	0.1168	0.0009	0.0281	-1.7761	5.4204	0.3777	-3.6722	128.0000
	0.0024	0.1145	0.0011	0.0335	-2.2248	4.0189	0.4250	-3.2025	24.8000
	0.0018	0.1077	0.0009	0.0300	-2.4511	5.3758	-0.0577	-4.6291	66.1000
	0.0014	0.1167	0.0014	0.0280	2.5963	6.5840	2.5243	3.3464	192.0000
	0.0021	0.1144	0.0017	0.0340	1.9172	4.6812	2.6886	3.7313	50.1000
	0.0026	0.1138	0.0011	0.0343	-2.3001	3.7465	0.4603	-3.0645	13.7000
	0.0025	0.1134	0.0012	0.0331	-2.3010	3.7238	0.5211	-3.0456	15.8000

Continued on next page

Table S1 – *Continued from previous page*

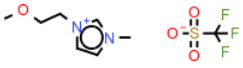
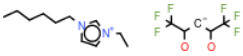
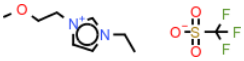
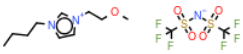
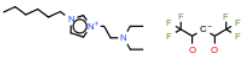
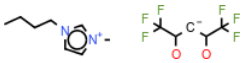
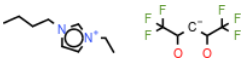
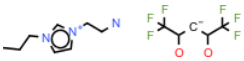
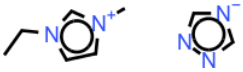
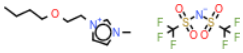
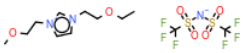
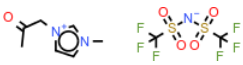
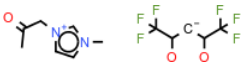
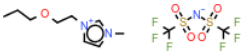
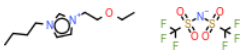
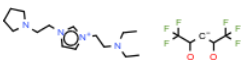
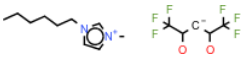
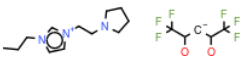
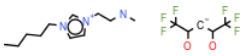
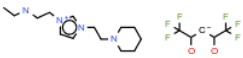
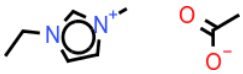
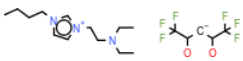
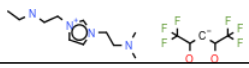
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0007	0.1189	0.0006	0.0172	2.0851	9.6093	0.9584	-0.4738	1240.0000
	0.0021	0.1162	0.0011	0.0309	-2.0973	4.4351	0.4510	-3.3639	47.2000
	0.0009	0.1286	0.0007	0.0205	1.4167	8.2519	1.0080	-0.7627	761.0000
	0.0019	0.1175	0.0016	0.0318	2.0443	5.3847	2.5776	3.4905	50.1000
	0.0028	0.1113	0.0012	0.0343	-2.3149	3.4134	0.5465	-2.6711	6.1700
	0.0015	0.1169	0.0009	0.0266	-1.5709	5.9551	0.3386	-3.7579	216.0000
	0.0018	0.1187	0.0010	0.0287	-1.8328	5.2330	0.3728	-3.6256	137.0000
	0.0013	0.1084	0.0007	0.0263	-1.9288	6.6668	-0.1234	-4.8794	190.0000
	0.0013	0.2108	0.0006	0.0308	-6.1611	5.6327	-2.9308	-14.8511	6930.0000
	0.0019	0.1197	0.0016	0.0323	2.1046	5.3440	2.7044	3.7153	42.5000
	0.0018	0.1206	0.0016	0.0317	1.8139	5.5406	2.4685	3.2205	64.7000
	0.0009	0.1050	0.0012	0.0195	3.4459	9.1553	2.1088	2.8530	190.0000
	0.0008	0.0973	0.0007	0.0174	0.1150	9.2054	0.3354	-2.8338	353.0000
	0.0016	0.1173	0.0015	0.0296	2.2826	6.0650	2.5142	3.3208	72.9000
	0.0020	0.1166	0.0016	0.0333	1.7912	4.9586	2.5549	3.4178	37.1000
	0.0025	0.1141	0.0011	0.0338	-2.3077	3.9332	0.3576	-3.2291	16.8000
	0.0019	0.1157	0.0010	0.0293	-1.9201	4.9916	0.4198	-3.5386	75.0000
	0.0021	0.1169	0.0010	0.0316	-2.0268	4.6605	0.3549	-3.4576	75.6000
	0.0020	0.1139	0.0010	0.0310	-2.1030	4.8459	0.2677	-3.7462	41.3000
	0.0023	0.1123	0.0011	0.0329	-2.2022	4.2852	0.3451	-3.3288	22.4000
	0.0018	0.3484	0.0009	0.0281	-8.8605	3.8970	-4.1482	-19.8269	4770.0000
	0.0025	0.1142	0.0012	0.0329	-2.2047	3.8929	0.4777	-2.9796	19.2000
	0.0019	0.1131	0.0010	0.0308	-1.9325	5.1156	0.2568	-3.5722	39.8000

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Table S1 – *Continued from previous page*

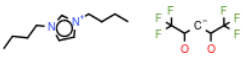
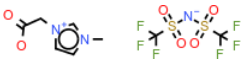
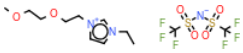
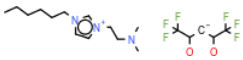
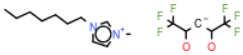
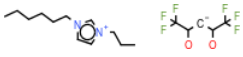
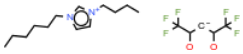
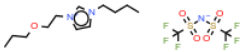
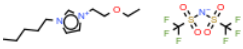
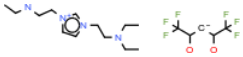
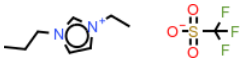
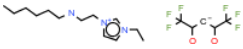
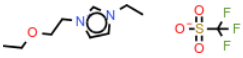
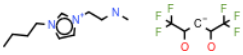
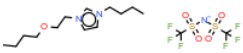
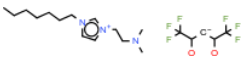
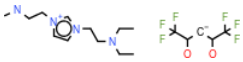
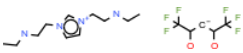
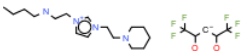
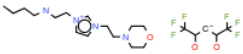
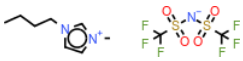
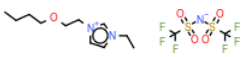
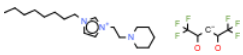
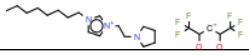
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1161	0.0011	0.0314	-2.1348	4.3293	0.4492	-3.3511	47.4000
	0.0007	0.0904	0.0012	0.0135	2.8733	10.1251	-0.1808	-1.2439	277.0000
	0.0019	0.1257	0.0017	0.0323	1.9294	5.4655	2.5487	3.4745	71.0000
	0.0024	0.1123	0.0011	0.0331	-2.1362	4.0096	0.4834	-2.9447	15.5000
	0.0021	0.1148	0.0010	0.0304	-2.0517	4.6049	0.4552	-3.4231	44.2000
	0.0024	0.1146	0.0011	0.0322	-2.2214	4.0240	0.4858	-3.2072	27.6000
	0.0025	0.1131	0.0012	0.0330	-2.2989	3.7388	0.5205	-3.0580	15.9000
	0.0023	0.1156	0.0017	0.0348	1.6345	4.5105	2.6186	3.5675	21.4000
	0.0024	0.1138	0.0018	0.0359	1.7833	4.1133	2.8270	4.1532	18.8000
	0.0023	0.1119	0.0011	0.0325	-2.1336	4.3102	0.3409	-3.1951	15.9000
	0.0011	0.1310	0.0008	0.0224	0.9546	7.3442	1.0140	-1.0815	767.0000
	0.0023	0.1134	0.0011	0.0325	-2.2991	4.2319	0.3338	-3.4650	13.4000
	0.0011	0.1283	0.0008	0.0219	1.1130	7.6299	1.0183	-0.8734	521.0000
	0.0018	0.1127	0.0009	0.0296	-1.9204	5.2514	0.2510	-3.7141	73.7000
	0.0026	0.1116	0.0018	0.0366	1.6811	3.8666	2.8068	4.1550	12.1000
	0.0026	0.1134	0.0012	0.0343	-2.2734	3.7166	0.5046	-2.9498	8.0600
	0.0021	0.1121	0.0010	0.0314	-2.0652	4.7180	0.2815	-3.4392	29.2000
	0.0019	0.1111	0.0009	0.0302	-1.9149	5.2625	0.1895	-3.7037	34.7000
	0.0026	0.1105	0.0011	0.0344	-2.3492	3.7642	0.4046	-3.0835	7.1100
	0.0022	0.1148	0.0011	0.0324	-1.9291	4.5962	0.3540	-3.0215	9.2500
	0.0016	0.1158	0.0015	0.0298	2.3320	5.9349	2.5716	3.3799	122.0000
	0.0018	0.1151	0.0015	0.0315	2.1311	5.3946	2.6197	3.4671	75.8000
	0.0022	0.1161	0.0017	0.0346	1.8987	4.5039	2.7913	4.0111	30.5000
	0.0031	0.1080	0.0012	0.0355	-2.4017	3.0279	0.6139	-2.4314	2.7500
	0.0029	0.1108	0.0012	0.0356	-2.4006	3.3097	0.5229	-2.7814	4.3100

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Table S1 – *Continued from previous page*

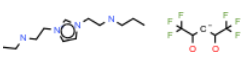
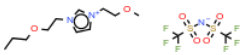
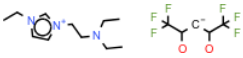
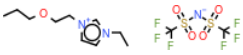
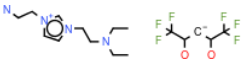
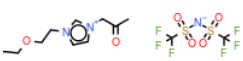
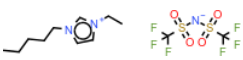
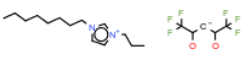
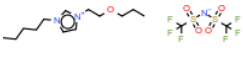
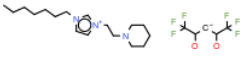
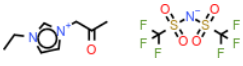
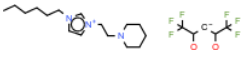
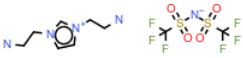
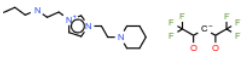
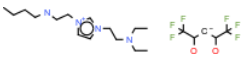
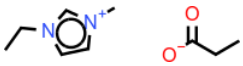
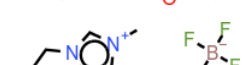
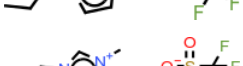
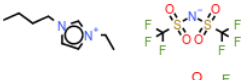
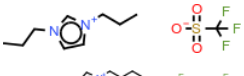
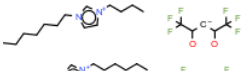
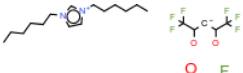
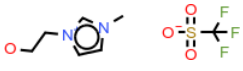
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0020	0.1110	0.0010	0.0312	-2.1496	4.9398	0.1697	-3.8216	21.0000
	0.0018	0.1194	0.0016	0.0311	2.0230	5.7175	2.4344	3.2166	46.4000
	0.0021	0.1165	0.0011	0.0307	-1.9715	4.6266	0.4130	-3.2386	57.3000
	0.0018	0.1181	0.0016	0.0317	1.9208	5.4494	2.4913	3.2518	58.7000
	0.0018	0.1087	0.0009	0.0301	-2.4562	5.3897	-0.0632	-4.6000	44.6000
	0.0014	0.1120	0.0014	0.0256	2.4943	6.9803	2.2540	2.9207	67.1000
	0.0021	0.1149	0.0016	0.0336	1.9381	4.7664	2.6774	3.6872	49.5000
	0.0027	0.1120	0.0012	0.0337	-2.3526	3.5028	0.5539	-2.9054	9.1900
	0.0026	0.1123	0.0018	0.0370	1.7054	3.7713	2.8928	4.3536	10.6000
	0.0029	0.1095	0.0012	0.0350	-2.3736	3.2104	0.5799	-2.5903	5.0000
	0.0011	0.1087	0.0013	0.0221	3.0134	8.1771	2.1502	2.8090	147.0000
	0.0028	0.1107	0.0012	0.0344	-2.3326	3.4151	0.5488	-2.7411	8.8900
	0.0010	0.0970	0.0009	0.0252	-0.8585	8.3944	0.2870	-2.9246	155.0000
	0.0025	0.1115	0.0011	0.0337	-2.2784	4.0074	0.3750	-3.2128	12.5000
	0.0026	0.1112	0.0012	0.0344	-2.3065	3.7757	0.4132	-2.9928	4.9400
	0.0016	0.2914	0.0007	0.0238	-8.2957	4.7657	-4.1092	-19.0653	3470.0000
	0.0006	0.1221	0.0003	0.0176	2.4749	9.5387	1.1566	-0.2045	1840.0000
	0.0008	0.1236	0.0006	0.0194	1.5084	8.5379	0.9692	-0.9274	1310.0000
	0.0019	0.1163	0.0016	0.0322	2.0932	5.2164	2.6350	3.5775	80.6000
	0.0013	0.1324	0.0008	0.0245	0.6267	6.5824	1.0639	-1.0867	437.0000
	0.0027	0.1118	0.0012	0.0338	-2.3609	3.4852	0.5537	-2.9077	9.0500
	0.0028	0.1103	0.0012	0.0344	-2.4010	3.2805	0.5871	-2.7492	5.1600
	0.0005	0.0875	0.0005	0.0115	3.0942	11.4393	0.4992	0.1237	2110.0000
	0.0025	0.1146	0.0012	0.0330	-2.2034	3.9032	0.5610	-2.9109	4.5500

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Table S1 – *Continued from previous page*

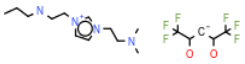
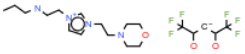
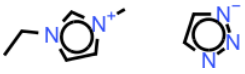
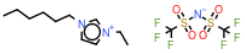
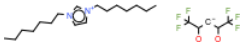
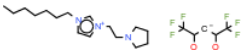
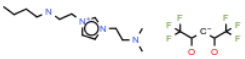
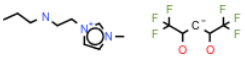
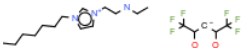
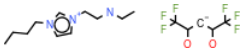
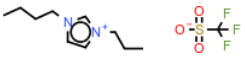
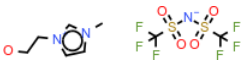
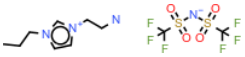
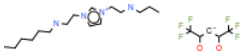
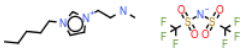
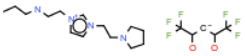
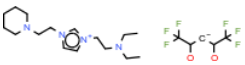
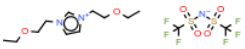
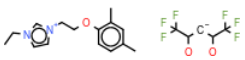
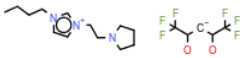
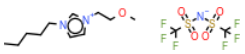
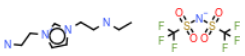
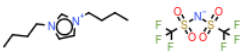
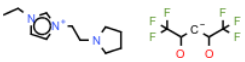
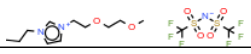
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0021	0.1124	0.0010	0.0319	-2.0471	4.7486	0.2968	-3.4496	22.4000
	0.0021	0.1157	0.0010	0.0314	-1.8725	4.9328	0.3112	-3.2603	15.9000
	0.0014	0.2139	0.0007	0.0315	-5.9062	5.4320	-2.6999	-14.1392	6350.0000
	0.0023	0.1132	0.0017	0.0346	1.8192	4.4031	2.7140	3.7938	30.0000
	0.0031	0.1077	0.0013	0.0355	-2.4692	2.8969	0.6483	-2.4388	1.6700
	0.0028	0.1118	0.0012	0.0350	-2.3475	3.4731	0.4956	-2.8543	7.1400
	0.0023	0.1109	0.0011	0.0328	-2.1120	4.4249	0.3362	-3.2529	13.0000
	0.0016	0.1115	0.0009	0.0272	-1.6035	5.9902	0.2496	-3.7405	116.0000
	0.0025	0.1115	0.0011	0.0337	-2.3571	3.8922	0.3990	-3.2641	7.5500
	0.0020	0.1131	0.0010	0.0310	-2.0381	4.7847	0.3169	-3.5214	41.9000
	0.0015	0.1308	0.0009	0.0259	0.3981	6.0099	1.1111	-1.0336	247.0000
	0.0010	0.1016	0.0012	0.0200	2.7926	8.5029	1.2046	1.3688	297.0000
	0.0014	0.1089	0.0012	0.0293	-0.9116	6.6266	0.9733	-1.2806	111.0000
	0.0027	0.1084	0.0011	0.0348	-2.3940	3.7669	0.3448	-3.1590	1.9400
	0.0021	0.1126	0.0015	0.0345	-0.2487	4.8062	1.8011	1.1314	26.7000
	0.0023	0.1127	0.0010	0.0332	-2.1702	4.4219	0.3011	-3.4395	20.1000
	0.0027	0.1106	0.0012	0.0342	-2.2323	3.5716	0.5054	-2.6487	10.5000
	0.0018	0.1210	0.0016	0.0312	1.7999	5.7033	2.3281	2.9569	55.2000
	0.0020	0.1199	0.0012	0.0338	-1.6572	5.1231	0.5454	-2.7329	28.3000
	0.0023	0.1158	0.0011	0.0326	-2.1413	4.3131	0.3912	-3.3406	43.1000
	0.0021	0.1166	0.0016	0.0332	1.8775	4.9481	2.6090	3.5647	30.1000
	0.0015	0.1068	0.0012	0.0298	-1.1009	6.6089	0.7519	-1.8133	61.7000
	0.0023	0.1127	0.0017	0.0352	1.7984	4.2986	2.7311	3.8641	30.0000
	0.0019	0.1160	0.0010	0.0300	-1.8299	5.0977	0.3369	-3.4454	124.0000
	0.0020	0.1235	0.0017	0.0335	1.6909	5.0884	2.4976	3.3443	46.7000

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Table S1 – *Continued from previous page*

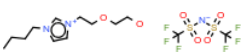
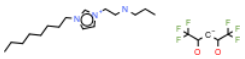
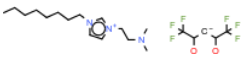
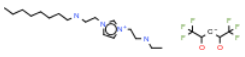
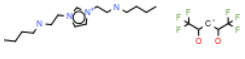
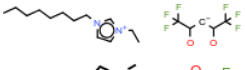
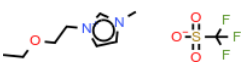
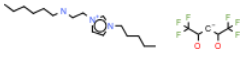
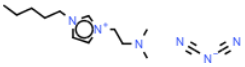
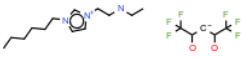
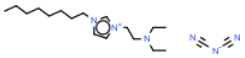
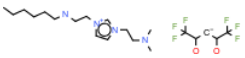
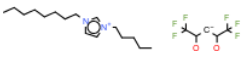
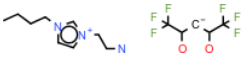
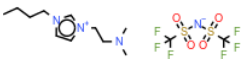
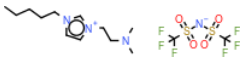
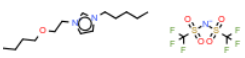
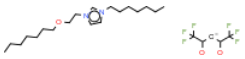
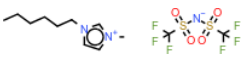
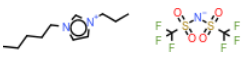
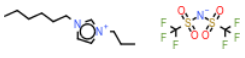
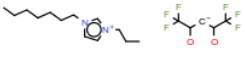
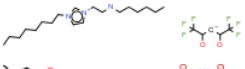
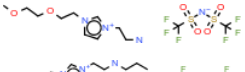
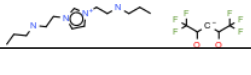
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1153	0.0017	0.0317	1.5122	5.1375	1.6082	2.2750	36.5000
	0.0028	0.1092	0.0012	0.0351	-2.4040	3.4190	0.4983	-2.8764	2.3500
	0.0027	0.1123	0.0012	0.0349	-2.3242	3.5003	0.5321	-2.8251	4.5900
	0.0028	0.1080	0.0011	0.0355	-2.4956	3.5909	0.3519	-3.1587	1.1200
	0.0025	0.1082	0.0011	0.0340	-2.3033	4.0200	0.3222	-3.2437	3.6800
	0.0025	0.1142	0.0011	0.0328	-2.2809	3.8204	0.5187	-3.0994	15.7000
	0.0008	0.1195	0.0007	0.0189	1.6675	8.7396	0.9826	-0.6268	769.0000
	0.0028	0.1097	0.0012	0.0351	-2.4490	3.4114	0.4712	-2.9620	2.3300
	0.0016	0.1179	0.0006	0.0371	-1.5872	5.9017	-0.1256	-4.6535	102.0000
	0.0024	0.1111	0.0011	0.0329	-2.2324	4.1297	0.3937	-3.2477	13.6000
	0.0023	0.1193	0.0008	0.0420	-2.1460	4.2422	0.0425	-4.1663	5.0800
	0.0026	0.1124	0.0011	0.0349	-2.2958	3.8482	0.4055	-3.1114	3.6600
	0.0030	0.1094	0.0012	0.0350	-2.4444	3.0683	0.6173	-2.5957	2.9200
	0.0015	0.1084	0.0008	0.0278	-2.1945	6.0934	-0.1056	-4.8961	112.0000
	0.0022	0.1142	0.0016	0.0350	1.0847	4.6109	2.3467	2.8351	29.3000
	0.0024	0.1128	0.0017	0.0361	0.8736	4.2599	2.3660	2.8924	17.4000
	0.0026	0.1123	0.0017	0.0366	1.4655	3.9276	2.6608	3.7587	7.5900
	0.0033	0.1093	0.0013	0.0363	-2.5318	2.7339	0.6634	-2.3531	0.6270
	0.0020	0.1139	0.0016	0.0327	1.9721	4.9617	2.6512	3.5412	46.2000
	0.0023	0.1129	0.0017	0.0352	1.8002	4.2928	2.7368	3.8753	30.2000
	0.0025	0.1112	0.0017	0.0361	1.7072	3.9849	2.7685	3.9879	18.1000
	0.0025	0.1134	0.0012	0.0330	-2.2953	3.7417	0.5207	-3.0543	16.0000
	0.0032	0.1062	0.0012	0.0368	-2.5047	2.8898	0.5792	-2.4680	0.4050
	0.0017	0.1201	0.0015	0.0327	1.3332	5.9827	2.2372	2.5315	82.5000
	0.0022	0.1106	0.0010	0.0322	-2.2800	4.5988	0.1956	-3.7437	11.7000

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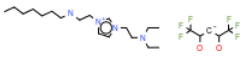
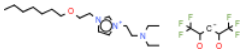
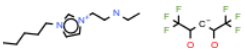
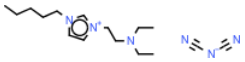
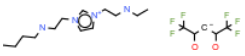
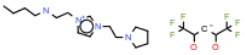
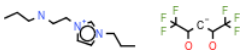
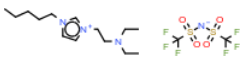
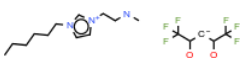
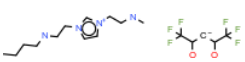
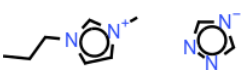
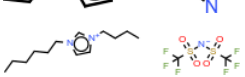
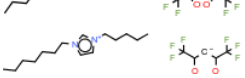
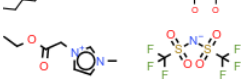
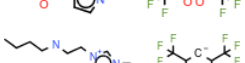
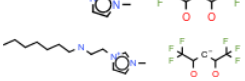
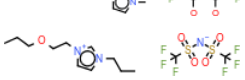
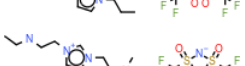
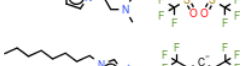
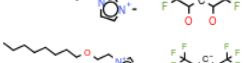
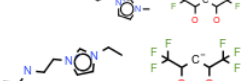
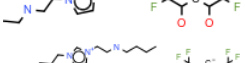
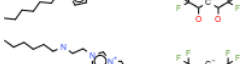
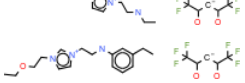
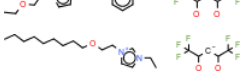
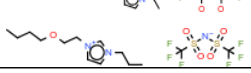
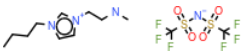
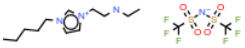
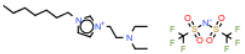
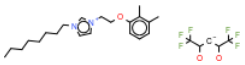
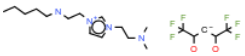
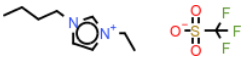
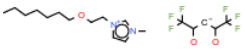
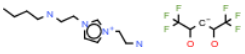
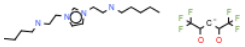
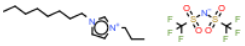
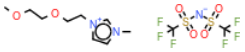
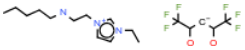
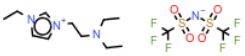
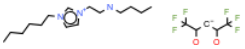
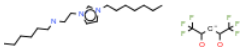
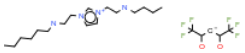
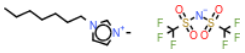
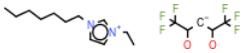
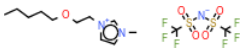
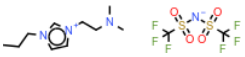
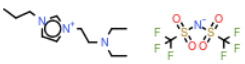
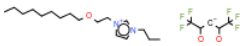
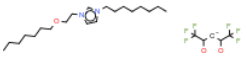
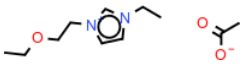
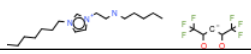
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0031	0.1079	0.0012	0.0362	-2.4462	3.1589	0.4993	-2.5893	0.8440
	0.0031	0.1208	0.0013	0.0372	-2.5005	3.0399	0.5691	-2.7009	2.2400
	0.0022	0.1131	0.0011	0.0320	-2.1896	4.4412	0.3411	-3.4988	23.3000
	0.0019	0.1208	0.0007	0.0394	-1.8810	5.1002	-0.0632	-4.5014	35.5000
	0.0022	0.1089	0.0010	0.0325	-2.1797	4.5505	0.2642	-3.4806	11.5000
	0.0024	0.1101	0.0011	0.0339	-2.2208	4.1080	0.3372	-3.1609	11.1000
	0.0020	0.1153	0.0010	0.0311	-2.0990	4.7879	0.2963	-3.6668	40.5000
	0.0028	0.1104	0.0018	0.0376	0.7202	3.6096	2.4286	3.2409	7.5500
	0.0022	0.1111	0.0010	0.0318	-2.1575	4.4922	0.3323	-3.4573	24.1000
	0.0020	0.1083	0.0010	0.0313	-2.0421	4.9622	0.2180	-3.6246	21.0000
	0.0013	0.1881	0.0006	0.0284	-5.8377	5.9706	-2.8938	-14.3420	4000.0000
	0.0027	0.1093	0.0017	0.0370	1.6333	3.6925	2.8099	4.1418	10.7000
	0.0028	0.1103	0.0012	0.0344	-2.4004	3.2720	0.5879	-2.7384	5.1900
	0.0012	0.1113	0.0015	0.0223	2.8132	7.5655	2.2104	2.9166	88.6000
	0.0017	0.1117	0.0009	0.0287	-1.7987	5.4887	0.2843	-3.6625	67.6000
	0.0022	0.1114	0.0010	0.0318	-2.1791	4.4157	0.3805	-3.4349	12.8000
	0.0021	0.1147	0.0017	0.0338	1.9337	4.7293	2.6928	3.8288	43.1000
	0.0020	0.1137	0.0015	0.0343	-0.1992	5.0829	1.6653	0.9023	25.7000
	0.0022	0.1142	0.0011	0.0314	-2.1554	4.2733	0.4904	-3.2913	25.6000
	0.0024	0.1150	0.0011	0.0321	-2.1239	4.1843	0.5294	-3.0453	8.1200
	0.0016	0.1147	0.0009	0.0280	-1.6900	5.8104	0.2364	-3.7904	124.0000
	0.0028	0.1096	0.0012	0.0353	-2.4823	3.3998	0.4689	-2.9736	2.3300
	0.0025	0.1094	0.0011	0.0340	-2.4238	4.0555	0.2670	-3.4873	3.7500
	0.0021	0.1219	0.0012	0.0355	-1.6876	5.0879	0.5578	-2.7208	6.9800
	0.0027	0.1160	0.0012	0.0342	-2.3346	3.5704	0.5543	-2.8903	3.3000
	0.0022	0.1150	0.0017	0.0345	1.7041	4.5827	2.6034	3.5550	21.4000

Continued on next page

Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0019	0.1127	0.0015	0.0331	-0.0643	5.2289	1.7592	1.1140	46.1000
	0.0023	0.1116	0.0016	0.0357	-0.1939	4.3989	1.9501	1.5944	15.5000
	0.0031	0.1069	0.0018	0.0387	0.5420	3.1759	2.4752	3.4217	2.5500
	0.0030	0.1162	0.0015	0.0387	-2.2148	3.3839	0.7090	-2.1192	1.0500
	0.0024	0.1111	0.0011	0.0337	-2.2498	4.1516	0.3532	-3.2435	7.1300
	0.0013	0.1306	0.0008	0.0240	0.6799	6.6998	1.0630	-1.0717	438.0000
	0.0022	0.1159	0.0011	0.0312	-2.0322	4.4681	0.4986	-3.1476	14.3000
	0.0017	0.1058	0.0008	0.0299	-2.3123	5.6384	-0.0956	-4.6648	32.0000
	0.0026	0.1087	0.0011	0.0348	-2.4868	3.7983	0.3001	-3.3431	2.0400
	0.0028	0.1080	0.0018	0.0377	1.5760	3.4511	2.8402	4.2737	6.3600
	0.0020	0.1155	0.0016	0.0323	1.1066	5.1903	2.2715	2.5396	57.8000
	0.0015	0.1175	0.0015	0.0274	2.3810	6.5940	2.3321	3.0994	54.5000
	0.0022	0.1147	0.0010	0.0318	-2.1631	4.5355	0.3408	-3.5387	22.9000
	0.0022	0.1154	0.0017	0.0342	0.9782	4.6140	2.2959	2.7673	36.6000
	0.0027	0.1090	0.0011	0.0344	-2.3466	3.6223	0.4670	-2.9453	4.3000
	0.0031	0.1080	0.0012	0.0363	-2.5045	3.0414	0.5411	-2.6559	0.7290
	0.0028	0.1080	0.0011	0.0354	-2.5493	3.5870	0.3248	-3.2411	1.1200
	0.0022	0.1126	0.0016	0.0339	1.8451	4.5676	2.6958	3.6629	28.2000
	0.0023	0.1160	0.0011	0.0320	-2.2092	4.0949	0.4830	-3.2499	27.0000
	0.0020	0.1163	0.0016	0.0327	1.8574	5.0635	2.5997	3.4568	26.3000
	0.0020	0.1155	0.0016	0.0338	1.1550	5.0103	2.2908	2.6855	49.1000
	0.0024	0.1138	0.0017	0.0357	0.7874	4.2006	2.3285	2.8811	21.9000
	0.0029	0.1158	0.0013	0.0354	-2.4336	3.2724	0.5869	-2.7780	1.6800
	0.0035	0.1114	0.0014	0.0373	-2.6178	2.5024	0.6833	-2.2966	0.2670
	0.0017	0.2732	0.0007	0.0239	-8.0551	4.7497	-4.0579	-18.3890	1060.0000
	0.0030	0.1084	0.0012	0.0357	-2.4875	3.2171	0.5013	-2.7980	1.3200

Continued on next page

Table S1 – *Continued from previous page*

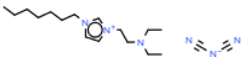
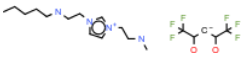
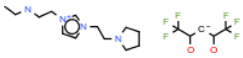
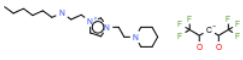
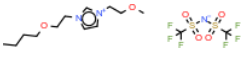
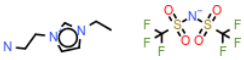
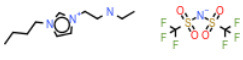
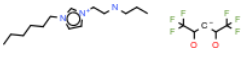
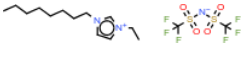
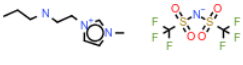
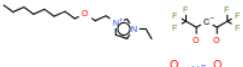
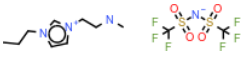
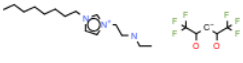
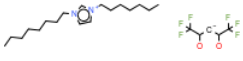
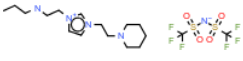
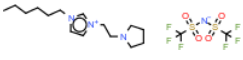
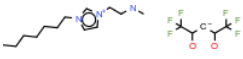
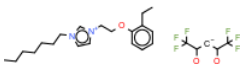
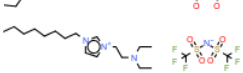
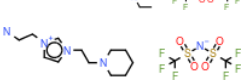
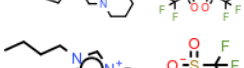
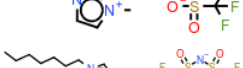
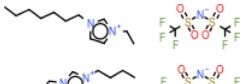
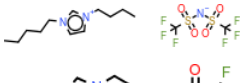
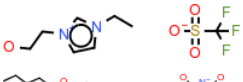
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1178	0.0008	0.0405	-2.0403	4.5348	0.0104	-4.2326	9.9900
	0.0022	0.1093	0.0010	0.0323	-2.1912	4.6328	0.2307	-3.5931	11.9000
	0.0021	0.1140	0.0010	0.0322	-2.1037	4.7694	0.2410	-3.6244	37.1000
	0.0029	0.1076	0.0012	0.0354	-2.4129	3.3736	0.4652	-2.7848	2.2600
	0.0019	0.1199	0.0016	0.0323	1.7527	5.3708	2.3722	3.0442	28.9000
	0.0012	0.1076	0.0011	0.0267	-0.6578	7.4519	0.8875	-1.3897	180.0000
	0.0021	0.1123	0.0016	0.0345	-0.0112	4.7572	1.8970	1.5278	27.0000
	0.0025	0.1114	0.0011	0.0337	-2.3264	3.8703	0.4154	-3.2094	7.4700
	0.0026	0.1104	0.0017	0.0366	1.6503	3.7737	2.8016	4.0886	10.6000
	0.0017	0.1129	0.0014	0.0303	0.3805	5.9652	1.7847	1.1952	70.3000
	0.0028	0.1149	0.0012	0.0341	-2.3815	3.4742	0.5653	-2.8790	5.1600
	0.0017	0.1132	0.0014	0.0314	0.0151	5.7345	1.6649	0.8822	75.8000
	0.0027	0.1095	0.0011	0.0344	-2.3741	3.6254	0.4503	-2.9997	4.4000
	0.0033	0.1064	0.0013	0.0361	-2.4974	2.7314	0.6763	-2.2993	0.9180
	0.0026	0.1105	0.0016	0.0374	-0.4073	3.9557	1.8701	1.4947	8.8200
	0.0027	0.1104	0.0017	0.0382	0.3510	3.6922	2.3048	2.7495	9.4600
	0.0023	0.1115	0.0011	0.0328	-2.3112	4.2103	0.3365	-3.4904	13.6000
	0.0028	0.1159	0.0014	0.0378	-2.1112	3.6918	0.6930	-2.1976	1.9200
	0.0033	0.1056	0.0018	0.0395	0.5565	2.9672	2.5187	3.6381	1.4300
	0.0019	0.1084	0.0013	0.0333	-1.5447	5.3263	0.9561	-1.3682	43.4000
	0.0010	0.1235	0.0007	0.0210	1.1393	7.7348	1.0174	-0.9980	752.0000
	0.0025	0.1122	0.0017	0.0358	1.7287	4.0550	2.7689	3.9671	17.7000
	0.0025	0.1111	0.0017	0.0361	1.7046	3.9721	2.7692	3.9988	18.1000
	0.0007	0.0955	0.0006	0.0140	2.2713	9.8471	0.5234	-0.3203	1320.0000
	0.0022	0.1164	0.0017	0.0344	1.6896	4.6095	2.6185	3.5552	20.3000

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Table S1 – *Continued from previous page*

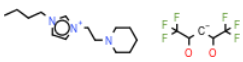
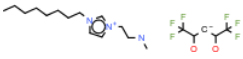
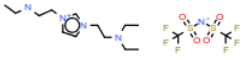
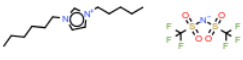
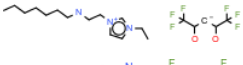
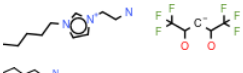
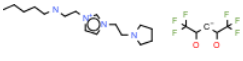
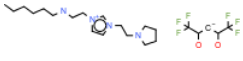
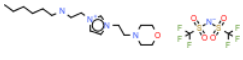
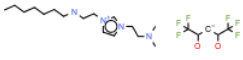
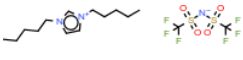
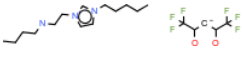
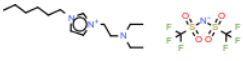
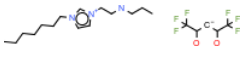
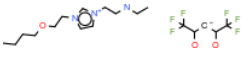
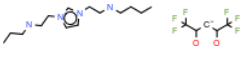
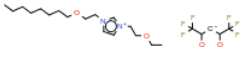
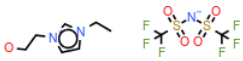
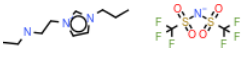
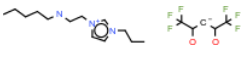
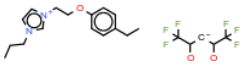
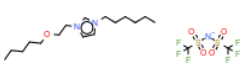
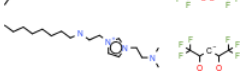
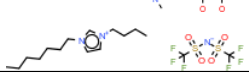
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0025	0.1134	0.0011	0.0330	-2.2175	3.8873	0.4874	-3.0272	27.6000
	0.0025	0.1097	0.0011	0.0334	-2.3621	3.9300	0.3767	-3.2568	7.8500
	0.0024	0.1119	0.0016	0.0361	-0.3127	4.2844	1.7331	1.2598	10.9000
	0.0017	0.2672	0.0007	0.0225	-8.1081	4.8525	-4.0796	-18.6424	2040.0000
	0.0028	0.1077	0.0018	0.0377	1.5783	3.4393	2.8517	4.2994	6.2600
	0.0025	0.1123	0.0011	0.0332	-2.4131	3.9551	0.3494	-3.3856	7.5700
	0.0017	0.1089	0.0008	0.0292	-2.3799	5.5943	-0.0598	-4.8041	64.6000
	0.0026	0.1114	0.0011	0.0349	-2.3419	3.8850	0.3566	-3.2151	6.3000
	0.0027	0.1114	0.0011	0.0355	-2.3838	3.6691	0.3874	-3.0971	3.5200
	0.0027	0.1138	0.0016	0.0377	-0.3567	3.9990	1.7825	1.3908	1.9800
	0.0027	0.1104	0.0011	0.0354	-2.3802	3.6449	0.4221	-2.9991	2.1200
	0.0027	0.1095	0.0018	0.0370	1.6309	3.6790	2.8091	4.1520	10.7000
	0.0025	0.1103	0.0011	0.0336	-2.3459	3.8789	0.3991	-3.1820	7.9600
	0.0029	0.1089	0.0018	0.0382	0.6115	3.3735	2.4514	3.3397	4.3700
	0.0027	0.1100	0.0012	0.0344	-2.3862	3.6138	0.4417	-3.0225	4.3300
	0.0023	0.1154	0.0011	0.0326	-2.2672	4.2778	0.3448	-3.4964	11.9000
	0.0024	0.1082	0.0010	0.0334	-2.2696	4.2607	0.2949	-3.3691	6.4500
	0.0028	0.1186	0.0013	0.0350	-2.3923	3.4559	0.5389	-2.8967	2.6200
	0.0012	0.1041	0.0013	0.0225	2.3403	7.4950	1.2452	1.3431	214.0000
	0.0020	0.1148	0.0015	0.0333	0.0687	5.1751	1.8555	1.3291	44.2000
	0.0024	0.1134	0.0011	0.0330	-2.2930	4.1516	0.3661	-3.4072	13.3000
	0.0022	0.1216	0.0013	0.0352	-1.9007	4.6815	0.5530	-2.8455	14.3000
	0.0029	0.1093	0.0018	0.0381	1.2815	3.4387	2.6813	3.9188	2.5700
	0.0029	0.1106	0.0012	0.0363	-2.4069	3.4206	0.4599	-2.8652	1.1400
	0.0028	0.1078	0.0018	0.0378	1.5755	3.4326	2.8491	4.2971	6.2500

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Table S1 – *Continued from previous page*

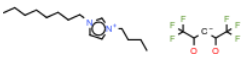
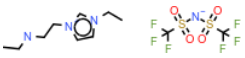
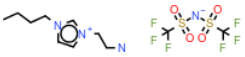
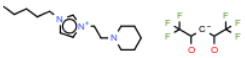
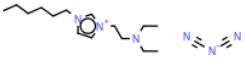
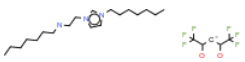
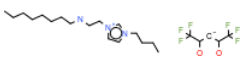
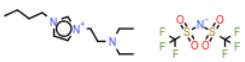
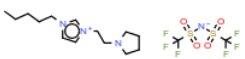
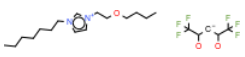
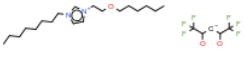
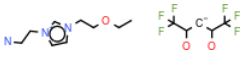
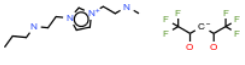
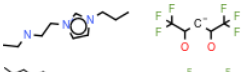
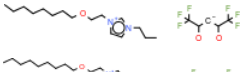
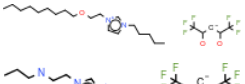
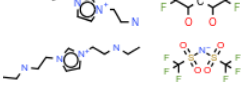
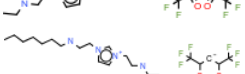
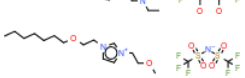
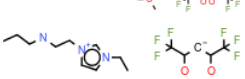
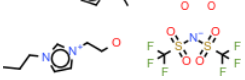
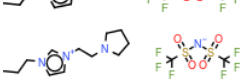
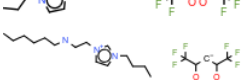
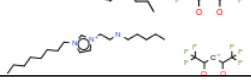
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0028	0.1103	0.0012	0.0344	-2.4009	3.2734	0.5879	-2.7425	5.1300
	0.0017	0.1149	0.0015	0.0313	0.3280	5.7854	1.8260	1.2964	74.8000
	0.0016	0.1086	0.0013	0.0309	-1.2155	6.0501	0.9685	-1.3917	68.1000
	0.0026	0.1121	0.0012	0.0338	-2.2789	3.6349	0.5198	-2.8752	15.9000
	0.0020	0.1203	0.0007	0.0403	-1.9814	4.7903	-0.0271	-4.3898	18.7000
	0.0032	0.1062	0.0013	0.0368	-2.5862	2.8663	0.5502	-2.5510	0.3980
	0.0030	0.1090	0.0012	0.0357	-2.4693	3.2235	0.5101	-2.7897	1.3300
	0.0026	0.1119	0.0018	0.0367	0.7319	3.8647	2.3819	3.0717	13.0000
	0.0026	0.1117	0.0017	0.0373	0.4066	3.9686	2.2537	2.5712	16.7000
	0.0028	0.1148	0.0012	0.0344	-2.3465	3.5034	0.5581	-2.8458	3.3400
	0.0034	0.1139	0.0014	0.0370	-2.6224	2.6253	0.6502	-2.4808	0.4670
	0.0013	0.1073	0.0007	0.0256	-1.7705	6.9377	-0.1167	-4.6551	147.0000
	0.0019	0.1102	0.0009	0.0304	-1.9572	5.2964	0.1723	-3.7869	35.1000
	0.0018	0.1160	0.0010	0.0298	-1.9386	5.2058	0.2590	-3.7676	71.0000
	0.0029	0.1124	0.0013	0.0349	-2.4362	3.1978	0.5978	-2.6928	3.0400
	0.0033	0.1098	0.0013	0.0362	-2.5317	2.7556	0.6570	-2.3809	0.6710
	0.0015	0.1048	0.0008	0.0285	-2.1351	6.0846	-0.1191	-4.6998	55.9000
	0.0020	0.1122	0.0014	0.0335	-0.3890	5.2305	1.4409	0.3081	22.7000
	0.0027	0.1077	0.0011	0.0349	-2.4030	3.7642	0.3570	-3.1301	1.9600
	0.0026	0.1161	0.0018	0.0364	1.5244	4.0841	2.6564	3.7928	3.1300
	0.0018	0.1153	0.0010	0.0295	-1.9163	5.2793	0.2661	-3.7595	68.9000
	0.0014	0.1051	0.0014	0.0249	2.0124	6.6558	1.2896	1.3628	133.0000
	0.0022	0.1146	0.0016	0.0352	0.6117	4.6217	2.1756	2.3223	47.9000
	0.0027	0.1109	0.0011	0.0345	-2.3924	3.6277	0.4446	-3.0879	4.1300
	0.0031	0.1074	0.0012	0.0363	-2.5045	3.0456	0.5394	-2.6501	0.7270

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Table S1 – *Continued from previous page*

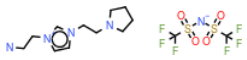
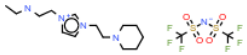
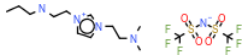
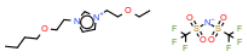
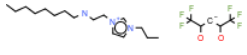
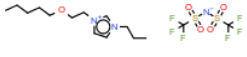
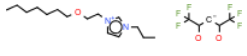
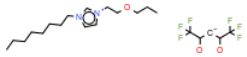
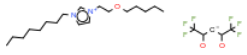
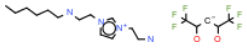
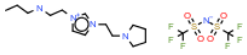
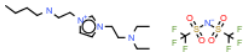
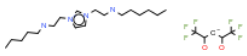
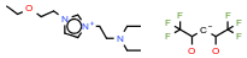
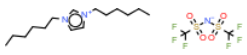
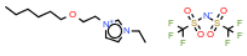
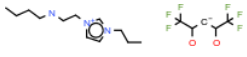
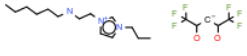
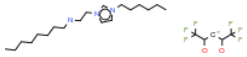
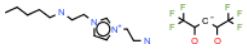
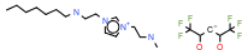
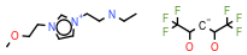
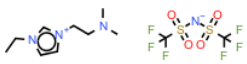
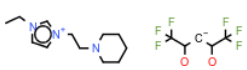
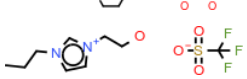
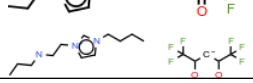
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0017	0.1090	0.0012	0.0323	-1.4147	5.8820	0.8317	-1.6727	64.3000
	0.0025	0.1117	0.0016	0.0365	-0.3478	4.2394	1.8361	1.3754	15.4000
	0.0022	0.1127	0.0015	0.0354	-0.2935	4.7108	1.7148	1.0371	14.9000
	0.0023	0.1183	0.0018	0.0349	1.4175	4.5059	2.5241	3.3760	14.3000
	0.0028	0.1100	0.0012	0.0349	-2.4440	3.4638	0.4588	-2.9900	2.5300
	0.0024	0.1143	0.0017	0.0356	1.5247	4.2363	2.6248	3.6069	12.6000
	0.0026	0.1181	0.0012	0.0340	-2.3239	3.7034	0.5185	-3.0477	5.9400
	0.0027	0.1139	0.0012	0.0343	-2.3221	3.5210	0.5647	-2.7979	3.4800
	0.0032	0.1134	0.0013	0.0363	-2.5573	2.8271	0.6317	-2.5573	0.9160
	0.0020	0.1073	0.0009	0.0321	-2.6159	4.9119	-0.0468	-4.6091	9.8700
	0.0024	0.1120	0.0016	0.0369	-0.4055	4.3712	1.7122	1.0303	13.8000
	0.0028	0.1101	0.0017	0.0381	-0.4257	3.7346	1.8753	1.6423	3.5500
	0.0029	0.1078	0.0012	0.0364	-2.5177	3.3619	0.4049	-2.9882	0.5880
	0.0022	0.1170	0.0011	0.0315	-1.9545	4.4966	0.4425	-2.9943	26.7000
	0.0030	0.1062	0.0018	0.0384	1.5316	3.2229	2.8800	4.4343	3.6500
	0.0026	0.1124	0.0018	0.0363	1.6861	3.8963	2.8180	4.1453	11.0000
	0.0022	0.1127	0.0011	0.0319	-2.1631	4.4539	0.3414	-3.4215	24.2000
	0.0025	0.1120	0.0011	0.0335	-2.3349	3.9242	0.3938	-3.2682	7.9600
	0.0032	0.1064	0.0012	0.0367	-2.5144	2.8780	0.5758	-2.4691	0.4060
	0.0019	0.1059	0.0009	0.0309	-2.4590	5.2531	-0.0654	-4.5935	17.9000
	0.0025	0.1082	0.0011	0.0340	-2.3945	4.0758	0.2772	-3.4138	3.6900
	0.0016	0.1175	0.0009	0.0280	-1.6243	5.9065	0.2425	-3.7111	70.6000
	0.0018	0.1173	0.0015	0.0321	1.3806	5.5451	2.2595	2.6100	80.2000
	0.0021	0.1166	0.0011	0.0309	-2.0026	4.6037	0.4147	-3.3186	85.1000
	0.0008	0.0997	0.0007	0.0162	1.7108	8.6962	0.5712	-0.5426	733.0000
	0.0022	0.1135	0.0011	0.0321	-2.2115	4.4329	0.3301	-3.5263	22.9000

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Table S1 – *Continued from previous page*

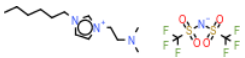
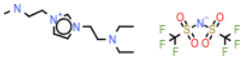
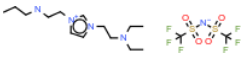
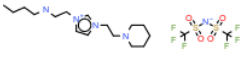
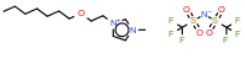
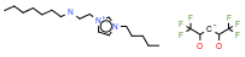
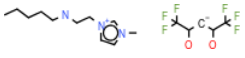
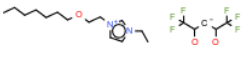
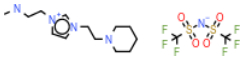
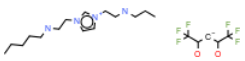
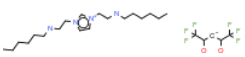
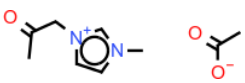
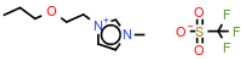
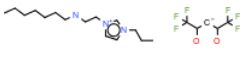
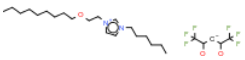
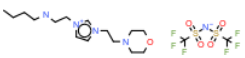
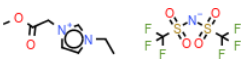
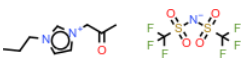
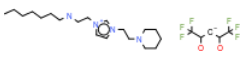
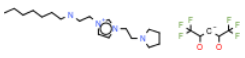
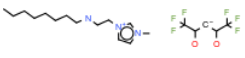
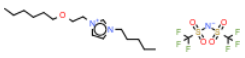
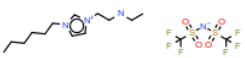
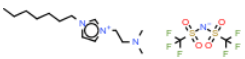
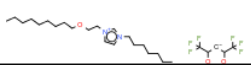
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0026	0.1110	0.0017	0.0369	0.7673	3.9760	2.3419	2.9288	10.4000
	0.0022	0.1127	0.0016	0.0349	-0.3665	4.6939	1.6520	0.9272	19.5000
	0.0026	0.1116	0.0017	0.0373	-0.3603	3.9777	1.8465	1.5331	6.2300
	0.0028	0.1093	0.0016	0.0382	-0.5105	3.7090	1.8913	1.5862	5.1300
	0.0023	0.1136	0.0016	0.0346	1.6567	4.4130	2.6174	3.5678	9.7400
	0.0030	0.1088	0.0012	0.0358	-2.5092	3.2070	0.5007	-2.8290	1.3100
	0.0019	0.1115	0.0010	0.0298	-1.9531	5.0785	0.3171	-3.5834	39.2000
	0.0024	0.1172	0.0011	0.0326	-2.1804	4.0704	0.4977	-3.0999	11.3000
	0.0022	0.1117	0.0015	0.0351	-0.4193	4.6575	1.6811	0.9040	28.9000
	0.0025	0.1094	0.0011	0.0341	-2.4417	4.0232	0.2659	-3.4843	3.5300
	0.0031	0.1046	0.0012	0.0365	-2.4882	3.2113	0.4396	-2.7181	0.3490
	0.0012	0.1718	0.0007	0.0187	-6.4679	6.5093	-3.3703	-15.4076	2760.0000
	0.0010	0.1223	0.0007	0.0210	1.2441	7.8463	1.0523	-0.7397	397.0000
	0.0027	0.1112	0.0011	0.0345	-2.4220	3.6457	0.4328	-3.1358	4.2300
	0.0034	0.1083	0.0013	0.0367	-2.5518	2.5957	0.6871	-2.2259	0.3670
	0.0023	0.1148	0.0015	0.0358	-0.0861	4.5456	1.7076	1.3003	6.5600
	0.0012	0.1108	0.0015	0.0220	2.8760	7.7161	2.1798	2.9424	108.0000
	0.0013	0.1098	0.0014	0.0245	2.6408	7.3107	2.2016	2.7790	92.7000
	0.0031	0.1076	0.0012	0.0363	-2.4878	3.1713	0.4858	-2.7042	1.2000
	0.0029	0.1095	0.0012	0.0363	-2.4330	3.4509	0.4246	-2.9402	1.9300
	0.0024	0.1106	0.0011	0.0327	-2.2380	4.1377	0.4231	-3.2786	7.2500
	0.0029	0.1096	0.0018	0.0382	1.4040	3.4250	2.7757	4.1404	2.4800
	0.0025	0.1099	0.0016	0.0366	-0.1801	4.0907	1.9904	1.8166	9.3100
	0.0027	0.1102	0.0017	0.0381	0.7426	3.6674	2.4670	3.2277	5.5800
	0.0036	0.1072	0.0014	0.0373	-2.5592	2.4355	0.7277	-2.0270	0.1700

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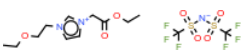
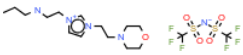
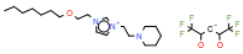
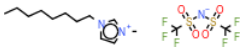
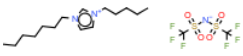
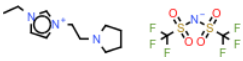
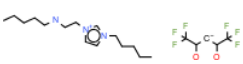
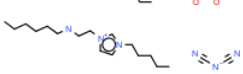
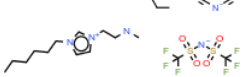
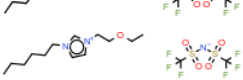
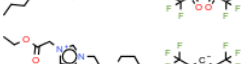
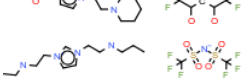
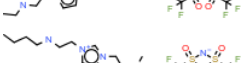
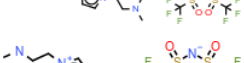
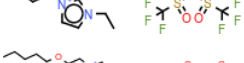
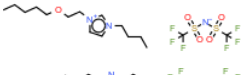
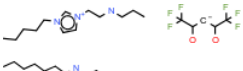
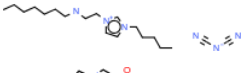
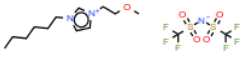
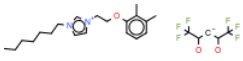
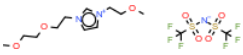
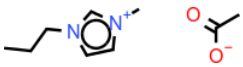
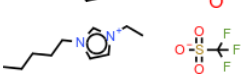
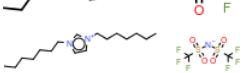
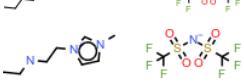
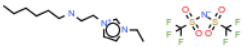
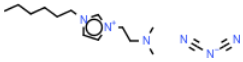
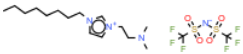
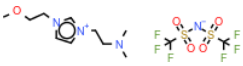
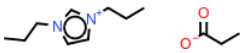
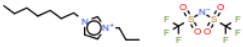
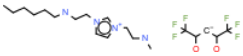
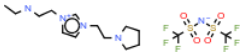
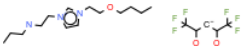
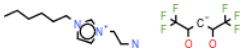
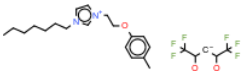
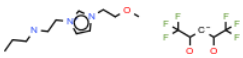
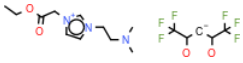
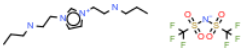
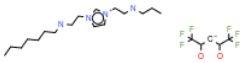
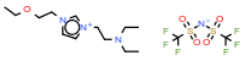
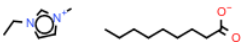
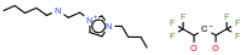
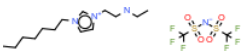
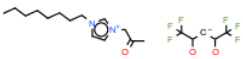
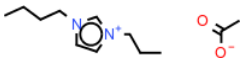
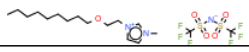
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0016	0.1145	0.0016	0.0264	2.1375	6.4473	2.1164	2.7052	36.2000
	0.0022	0.1159	0.0015	0.0348	-0.0484	4.8718	1.7076	1.1579	11.0000
	0.0032	0.1195	0.0013	0.0369	-2.5497	2.9479	0.5726	-2.7334	2.2000
	0.0024	0.1115	0.0016	0.0350	1.7460	4.2313	2.7367	3.7970	16.8000
	0.0030	0.1063	0.0018	0.0384	1.5293	3.2150	2.8799	4.4365	3.6700
	0.0020	0.1152	0.0015	0.0335	0.7899	5.0719	2.0987	2.1771	75.9000
	0.0027	0.1105	0.0011	0.0346	-2.4029	3.6197	0.4473	-3.0739	4.2200
	0.0021	0.1163	0.0007	0.0406	-2.1165	4.7125	-0.0564	-4.5237	6.6700
	0.0023	0.1105	0.0016	0.0354	-0.2563	4.4570	1.8611	1.3959	16.1000
	0.0024	0.1138	0.0017	0.0354	1.5639	4.2801	2.6149	3.5964	13.3000
	0.0020	0.1047	0.0012	0.0273	-1.5314	5.0344	0.5488	-2.3746	22.0000
	0.0021	0.1117	0.0015	0.0347	-0.8234	4.8969	1.3675	-0.0094	14.2000
	0.0024	0.1113	0.0016	0.0364	-0.3449	4.3889	1.7247	1.1536	8.8600
	0.0015	0.1149	0.0014	0.0297	0.2432	6.3497	1.6574	0.8435	121.0000
	0.0026	0.1129	0.0017	0.0368	1.4761	3.9018	2.7004	3.8394	7.3300
	0.0024	0.1108	0.0011	0.0328	-2.2341	4.1385	0.3885	-3.2416	13.5000
	0.0022	0.1165	0.0008	0.0417	-2.2186	4.4391	-0.0236	-4.4289	3.4900
	0.0022	0.1156	0.0017	0.0345	1.7678	4.5527	2.6793	3.7316	17.5000
	0.0029	0.1175	0.0014	0.0381	-2.1665	3.5970	0.6799	-2.2510	1.9100
	0.0018	0.1263	0.0016	0.0312	2.0250	5.8331	2.4656	3.3707	52.9000
	0.0017	0.3028	0.0007	0.0248	-8.4010	4.4112	-4.1116	-19.1367	2820.0000
	0.0014	0.1300	0.0008	0.0254	0.4616	6.1490	1.1100	-1.0072	246.0000
	0.0033	0.1032	0.0018	0.0396	1.4678	2.8299	2.9475	4.7412	1.2300
	0.0015	0.1132	0.0013	0.0288	0.5890	6.5107	1.7421	1.1455	115.0000
	0.0018	0.1126	0.0014	0.0319	0.1608	5.4609	1.8156	1.2408	42.4000

Continued on next page

Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0024	0.1116	0.0016	0.0360	-0.5329	4.1885	1.8202	1.2762	9.1400
	0.0017	0.1179	0.0007	0.0382	-1.7080	5.5340	-0.0925	-4.5484	55.4000
	0.0029	0.1089	0.0017	0.0388	0.6999	3.4456	2.4859	3.3197	3.2500
	0.0018	0.1187	0.0015	0.0320	1.4031	5.6382	2.2471	2.6542	47.3000
	0.0012	0.1243	0.0007	0.0227	0.8396	7.0453	1.0664	-1.0020	423.0000
	0.0019	0.2785	0.0007	0.0233	-8.2220	4.4186	-4.1312	-18.5843	687.0000
	0.0027	0.1097	0.0018	0.0369	1.6330	3.6961	2.8064	4.1323	10.8000
	0.0023	0.1069	0.0010	0.0339	-2.7897	4.3244	0.0229	-4.3670	3.0900
	0.0023	0.1102	0.0010	0.0332	-2.3211	4.3709	0.2299	-3.6525	6.6500
	0.0022	0.1134	0.0015	0.0357	-0.4695	4.7233	1.6039	0.7098	24.7000
	0.0023	0.1154	0.0011	0.0328	-2.2013	4.3621	0.3549	-3.3787	9.2700
	0.0018	0.1084	0.0009	0.0303	-2.4857	5.2001	-0.0166	-4.6754	37.1000
	0.0027	0.1157	0.0014	0.0376	-2.1036	3.8660	0.6624	-2.3981	2.5800
	0.0018	0.1176	0.0010	0.0295	-1.8418	5.4166	0.2744	-3.6659	39.5000
	0.0016	0.1033	0.0011	0.0248	-1.1260	6.0004	0.4808	-2.4239	38.1000
	0.0023	0.1109	0.0015	0.0357	-0.9797	4.5511	1.3876	0.0406	8.1300
	0.0028	0.1077	0.0011	0.0354	-2.5648	3.5855	0.3196	-3.2554	1.1000
	0.0024	0.1161	0.0017	0.0350	0.8862	4.4630	2.2203	2.7440	17.9000
	0.0020	0.2199	0.0007	0.0226	-8.0513	4.5039	-3.9443	-17.6616	153.0000
	0.0025	0.1126	0.0011	0.0339	-2.3831	3.8647	0.3891	-3.3010	7.3600
	0.0026	0.1094	0.0016	0.0374	-0.4095	3.8409	1.9888	1.7522	5.2900
	0.0020	0.1047	0.0011	0.0287	-1.6886	4.8845	0.5706	-2.6456	10.0000
	0.0019	0.2868	0.0007	0.0240	-8.2176	4.3013	-4.1276	-18.6095	517.0000
	0.0027	0.1115	0.0017	0.0365	1.5144	3.8411	2.7030	3.8492	3.2700

Continued on next page

Table S1 – *Continued from previous page*

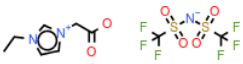
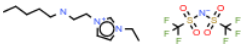
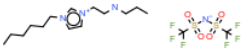
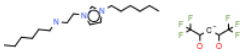
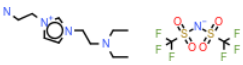
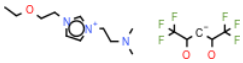
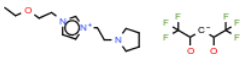
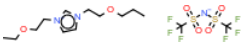
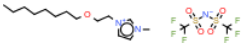
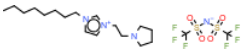
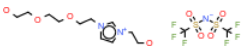
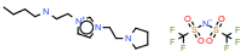
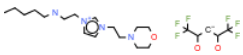
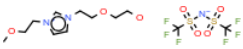
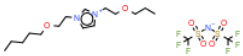
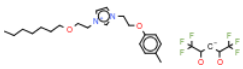
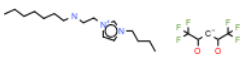
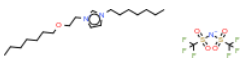
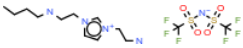
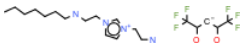
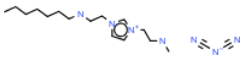
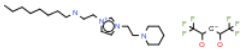
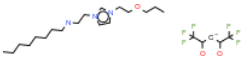
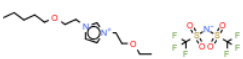
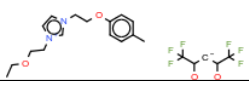
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0009	0.0942	0.0014	0.0160	2.3612	8.9554	-0.1018	-1.3663	208.0000
	0.0023	0.1129	0.0016	0.0353	-0.1345	4.4910	1.9625	1.6071	15.2000
	0.0027	0.1094	0.0017	0.0374	-0.2346	3.8180	2.0484	1.9313	5.2400
	0.0030	0.1092	0.0012	0.0358	-2.4739	3.2190	0.5121	-2.8007	1.3100
	0.0019	0.1091	0.0014	0.0332	-1.5201	5.3557	0.9542	-1.2888	29.2000
	0.0018	0.1165	0.0010	0.0295	-1.6658	5.3574	0.3647	-3.2687	61.3000
	0.0020	0.1178	0.0011	0.0310	-1.8435	4.9511	0.3525	-3.2574	65.3000
	0.0022	0.1191	0.0017	0.0342	1.6010	4.8091	2.5412	3.3683	30.7000
	0.0025	0.1124	0.0017	0.0355	1.5806	4.1244	2.6632	3.6947	5.6800
	0.0030	0.1073	0.0017	0.0395	0.2258	3.2463	2.3609	2.9880	3.1200
	0.0013	0.1128	0.0013	0.0248	1.6168	7.2724	1.1032	1.1557	58.0000
	0.0026	0.1099	0.0016	0.0375	-0.5479	4.0663	1.6666	1.0692	7.8100
	0.0024	0.1154	0.0011	0.0334	-2.0787	4.3237	0.3723	-3.0777	4.8600
	0.0015	0.1245	0.0014	0.0275	1.5150	6.6926	1.9639	1.9768	87.7000
	0.0027	0.1140	0.0018	0.0370	1.2633	3.8262	2.6338	3.6948	5.2800
	0.0029	0.1211	0.0015	0.0387	-2.1432	3.6962	0.6777	-2.2836	0.6710
	0.0028	0.1099	0.0012	0.0352	-2.4942	3.4105	0.4571	-3.0106	2.3400
	0.0035	0.1028	0.0019	0.0402	1.4223	2.6525	3.0075	4.9865	0.4840
	0.0018	0.1069	0.0013	0.0330	-1.4184	5.5905	0.8572	-1.5668	21.2000
	0.0022	0.1062	0.0009	0.0330	-2.6771	4.5931	-0.0020	-4.4019	5.5800
	0.0018	0.1084	0.0006	0.0374	-1.9235	5.5514	-0.2147	-4.6528	11.3000
	0.0032	0.1066	0.0012	0.0367	-2.4660	3.0073	0.5363	-2.5019	0.6720
	0.0029	0.1118	0.0012	0.0356	-2.4005	3.4417	0.4750	-2.7905	1.0600
	0.0025	0.1153	0.0017	0.0359	1.3182	4.1373	2.5775	3.5107	9.2700
	0.0021	0.1224	0.0013	0.0335	-1.7413	5.0233	0.5283	-2.7963	20.2000

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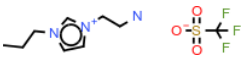
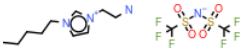
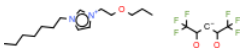
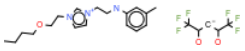
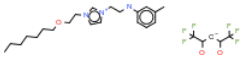
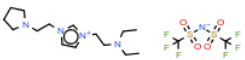
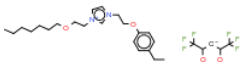
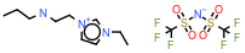
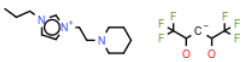
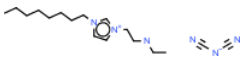
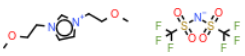
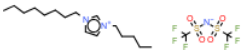
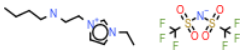
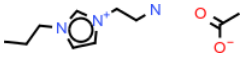
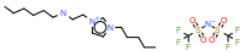
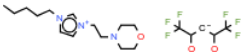
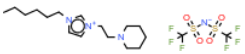
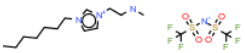
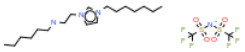
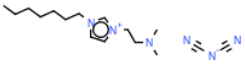
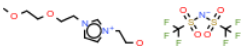
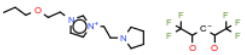
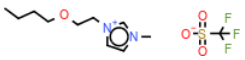
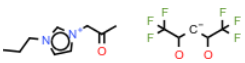
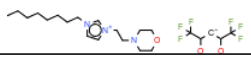
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0009	0.1109	0.0006	0.0210	-0.4888	8.3209	0.1812	-3.2559	658.0000
	0.0018	0.1085	0.0013	0.0325	-1.3931	5.5484	1.0280	-1.2716	40.8000
	0.0028	0.1168	0.0013	0.0347	-2.4680	3.3445	0.5469	-2.9789	5.0700
	0.0022	0.1113	0.0012	0.0352	-1.5871	4.8940	0.6389	-2.2456	3.8900
	0.0029	0.1263	0.0014	0.0406	-2.2334	3.6556	0.6389	-2.4805	0.9310
	0.0027	0.1125	0.0017	0.0376	-0.4270	3.8856	1.8488	1.4974	11.6000
	0.0030	0.1196	0.0015	0.0392	-2.1893	3.5048	0.7030	-2.1724	0.3970
	0.0019	0.1145	0.0015	0.0329	0.0648	5.2465	1.8597	1.3282	43.0000
	0.0023	0.1144	0.0011	0.0320	-2.1209	4.2023	0.4508	-3.1580	49.2000
	0.0019	0.1155	0.0007	0.0396	-2.0112	5.0145	-0.0929	-4.5768	13.5000
	0.0014	0.1196	0.0014	0.0277	2.4835	6.8254	2.3623	3.1619	105.0000
	0.0031	0.1048	0.0018	0.0391	1.4967	3.0066	2.9181	4.6053	2.1100
	0.0021	0.1139	0.0015	0.0342	-0.0728	4.8490	1.9008	1.4329	25.9000
	0.0016	0.2203	0.0006	0.0245	-7.8356	4.8736	-3.9137	-17.8359	1230.0000
	0.0030	0.1070	0.0017	0.0390	-0.3872	3.3492	2.1030	2.1573	1.7100
	0.0022	0.1194	0.0011	0.0320	-1.9528	4.4896	0.4348	-3.0662	19.0000
	0.0029	0.1080	0.0017	0.0384	0.8800	3.3590	2.5683	3.5881	6.3200
	0.0024	0.1100	0.0016	0.0365	-0.5251	4.1612	1.8536	1.3003	9.3100
	0.0033	0.1047	0.0017	0.0402	-0.3315	2.9726	2.2179	2.5938	0.5570
	0.0019	0.1202	0.0007	0.0399	-1.8905	5.1329	-0.0523	-4.5618	26.5000
	0.0016	0.1200	0.0015	0.0292	1.8695	6.2090	2.2871	2.8651	98.8000
	0.0022	0.1195	0.0011	0.0326	-2.0780	4.5073	0.3821	-3.3545	24.5000
	0.0013	0.1322	0.0008	0.0241	0.7802	6.8613	1.1506	-0.8554	210.0000
	0.0012	0.1030	0.0008	0.0218	-0.7097	7.3436	0.3986	-2.9223	157.0000
	0.0027	0.1161	0.0012	0.0343	-2.1719	3.7162	0.5319	-2.6961	3.2700

Continued on next page

Table S1 – *Continued from previous page*

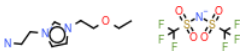
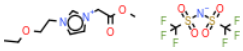
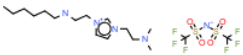
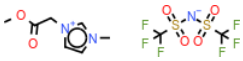
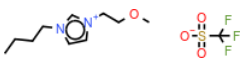
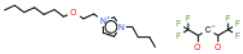
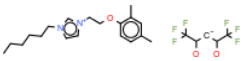
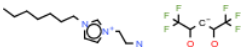
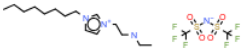
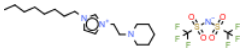
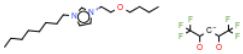
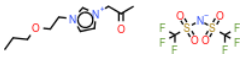
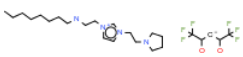
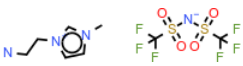
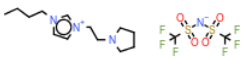
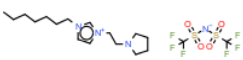
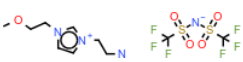
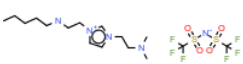
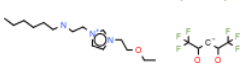
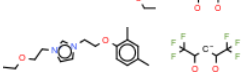
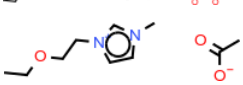
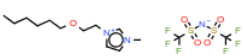
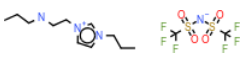
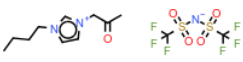
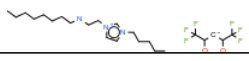
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0014	0.1089	0.0012	0.0285	-0.8121	6.8672	0.9312	-1.2285	88.8000
	0.0015	0.1131	0.0016	0.0252	2.4291	6.6381	2.2892	3.1044	49.2000
	0.0027	0.1105	0.0016	0.0386	-0.3287	3.7932	1.9071	1.6284	2.6300
	0.0010	0.1083	0.0014	0.0196	3.2470	8.5836	2.1425	2.9542	139.0000
	0.0013	0.1282	0.0008	0.0237	0.7933	6.8521	1.0926	-0.8345	244.0000
	0.0029	0.1139	0.0013	0.0347	-2.4449	3.2638	0.5768	-2.7986	3.3500
	0.0029	0.1305	0.0015	0.0393	-2.4050	3.5103	0.5761	-2.8708	2.6700
	0.0020	0.1082	0.0009	0.0314	-2.6419	4.8274	0.0114	-4.5877	21.2000
	0.0028	0.1076	0.0017	0.0382	-0.3563	3.5757	2.0393	2.0174	3.1600
	0.0032	0.1050	0.0018	0.0396	0.8549	2.9630	2.6442	3.9068	2.0400
	0.0029	0.1130	0.0012	0.0350	-2.3733	3.3073	0.5940	-2.6660	1.8800
	0.0015	0.1123	0.0014	0.0266	2.3086	6.6693	2.2058	2.7750	31.3000
	0.0030	0.1096	0.0012	0.0368	-2.4638	3.2773	0.4479	-2.8307	1.1000
	0.0009	0.1036	0.0010	0.0235	-0.3291	8.5588	0.7584	-1.5893	274.0000
	0.0024	0.1131	0.0016	0.0364	0.5115	4.2679	2.2263	2.4698	28.2000
	0.0029	0.1085	0.0017	0.0389	0.2200	3.4175	2.2884	2.7981	5.0600
	0.0012	0.1096	0.0012	0.0267	-0.7146	7.4729	0.8307	-1.4879	114.0000
	0.0025	0.1108	0.0016	0.0374	-0.5544	4.1044	1.7562	1.1737	5.0100
	0.0024	0.1146	0.0011	0.0334	-2.1854	4.1463	0.3993	-3.1252	6.0600
	0.0023	0.1245	0.0013	0.0355	-1.8788	4.7411	0.5393	-2.8130	18.4000
	0.0016	0.2597	0.0007	0.0234	-7.8605	5.0407	-3.9521	-18.1093	1530.0000
	0.0021	0.1143	0.0016	0.0333	1.7688	4.7819	2.5657	3.4197	17.2000
	0.0021	0.1136	0.0016	0.0347	-0.1297	4.7515	1.8997	1.4357	26.1000
	0.0014	0.1103	0.0014	0.0263	2.3594	6.6718	2.2350	2.7578	56.7000
	0.0031	0.1078	0.0012	0.0362	-2.5145	3.0434	0.5319	-2.6680	0.7410

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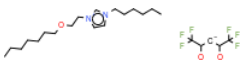
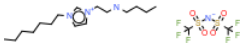
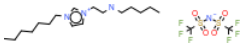
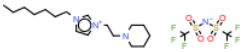
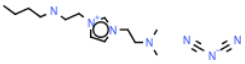
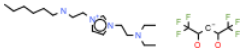
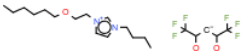
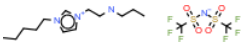
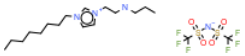
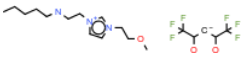
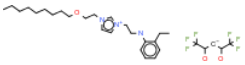
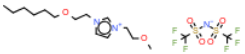
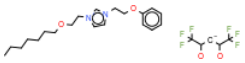
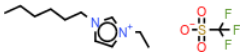
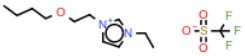
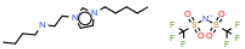
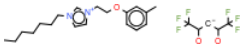
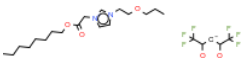
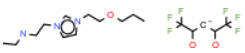
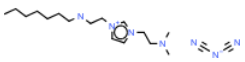
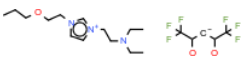
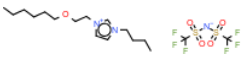
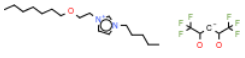
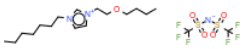
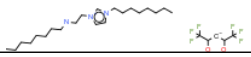
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0032	0.1123	0.0013	0.0361	-2.5391	2.8691	0.6295	-2.5524	1.0600
	0.0030	0.1068	0.0017	0.0391	-0.5214	3.3390	2.0898	2.1147	1.7100
	0.0031	0.1058	0.0017	0.0396	-0.4721	3.1532	2.1145	2.2507	0.9940
	0.0031	0.1066	0.0018	0.0390	0.8307	3.1499	2.5985	3.7248	3.6400
	0.0016	0.1115	0.0006	0.0364	-1.5919	6.0174	-0.1914	-4.5529	46.0000
	0.0029	0.1093	0.0012	0.0355	-2.4467	3.3457	0.4549	-2.8392	1.4900
	0.0026	0.1179	0.0012	0.0341	-2.3292	3.6951	0.5297	-3.0302	5.3000
	0.0025	0.1098	0.0016	0.0365	-0.2512	4.1006	1.9545	1.7233	9.2600
	0.0030	0.1067	0.0017	0.0390	-0.1511	3.3579	2.1919	2.4329	1.7300
	0.0021	0.1170	0.0011	0.0318	-2.1160	4.6811	0.3339	-3.5099	12.8000
	0.0033	0.1173	0.0015	0.0416	-2.3033	3.0763	0.7557	-1.9277	0.1570
	0.0023	0.1171	0.0017	0.0344	1.4088	4.6544	2.4051	3.0960	11.9000
	0.0027	0.1212	0.0014	0.0376	-2.0323	4.0327	0.6560	-2.3774	1.1800
	0.0016	0.1285	0.0009	0.0265	0.2971	5.7025	1.1544	-0.9122	138.0000
	0.0016	0.1330	0.0009	0.0267	0.3357	5.7833	1.1934	-0.8363	134.0000
	0.0026	0.1089	0.0017	0.0374	-0.4874	3.8344	1.9313	1.6630	5.5800
	0.0027	0.1151	0.0014	0.0375	-2.0765	3.9207	0.6653	-2.3870	2.5500
	0.0028	0.1061	0.0013	0.0320	-2.0155	3.6730	0.6888	-1.9962	0.9880
	0.0022	0.1183	0.0011	0.0320	-2.1991	4.5685	0.3124	-3.6283	24.0000
	0.0020	0.1145	0.0007	0.0401	-2.0044	4.9750	-0.0838	-4.4103	6.0200
	0.0024	0.1169	0.0012	0.0328	-2.0988	4.1158	0.4650	-2.9409	13.8000
	0.0028	0.1117	0.0018	0.0377	1.5285	3.6262	2.8131	4.1820	3.7500
	0.0030	0.1117	0.0013	0.0352	-2.4629	3.0771	0.6169	-2.5950	1.8500
	0.0029	0.1098	0.0018	0.0382	1.3528	3.4326	2.7549	4.0699	2.4200
	0.0035	0.1045	0.0013	0.0377	-2.5566	2.6035	0.6233	-2.2180	0.1240

Continued on next page

Table S1 – *Continued from previous page*

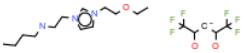
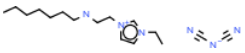
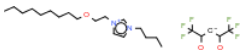
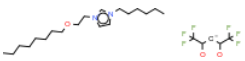
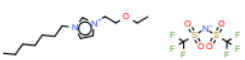
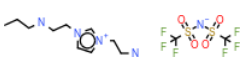
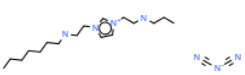
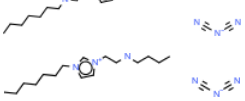
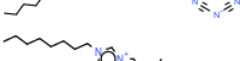
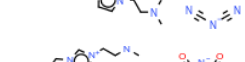
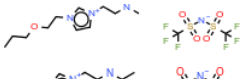
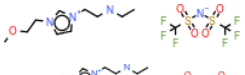
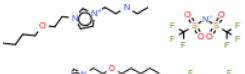
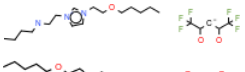
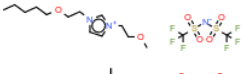
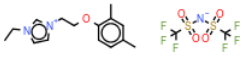
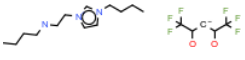
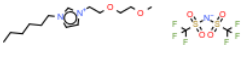
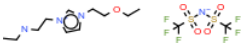
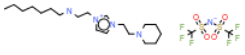
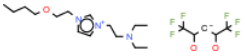
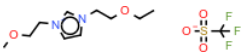
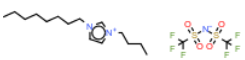
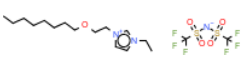
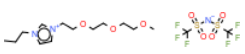
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0021	0.1159	0.0011	0.0318	-2.0717	4.6877	0.3371	-3.4459	15.6000
	0.0017	0.1150	0.0006	0.0373	-1.9502	5.4834	-0.1751	-4.7870	25.4000
	0.0032	0.1103	0.0013	0.0357	-2.4737	2.9189	0.6517	-2.4159	0.9980
	0.0032	0.1111	0.0013	0.0364	-2.4395	2.9162	0.6634	-2.3282	0.5960
	0.0026	0.1124	0.0017	0.0363	1.4946	3.9716	2.6435	3.7375	8.1500
	0.0016	0.1064	0.0012	0.0315	-1.2315	6.0384	0.8392	-1.5734	35.8000
	0.0021	0.1107	0.0007	0.0396	-2.1919	4.8852	-0.1610	-4.5708	2.9500
	0.0021	0.1162	0.0007	0.0408	-2.1507	4.7029	-0.0590	-4.5364	6.6600
	0.0020	0.1202	0.0007	0.0408	-1.9874	4.8408	-0.0205	-4.4778	14.1000
	0.0021	0.1156	0.0016	0.0346	1.7176	4.9855	2.5127	3.3472	31.7000
	0.0017	0.1167	0.0015	0.0312	0.4272	5.8477	1.8300	1.3715	44.1000
	0.0024	0.1125	0.0016	0.0361	-0.2888	4.2170	1.9381	1.5679	8.2000
	0.0028	0.1147	0.0012	0.0354	-2.5211	3.4772	0.4304	-3.1432	2.4000
	0.0021	0.1184	0.0016	0.0338	1.6627	4.8914	2.4905	3.3049	17.7000
	0.0021	0.1197	0.0018	0.0370	2.0920	5.1286	2.6019	3.8032	19.2000
	0.0024	0.1112	0.0011	0.0328	-2.2678	4.1371	0.3701	-3.3056	13.8000
	0.0025	0.1151	0.0018	0.0362	1.5931	4.0996	2.6895	3.8884	4.9600
	0.0009	0.0957	0.0011	0.0177	2.9742	9.2102	1.1128	1.3023	160.0000
	0.0019	0.1158	0.0015	0.0322	0.2941	5.5136	1.7571	1.3070	38.6000
	0.0032	0.1058	0.0017	0.0401	-0.6892	3.1053	1.9584	1.8991	0.9200
	0.0026	0.1153	0.0012	0.0334	-2.1549	3.9037	0.4997	-2.8197	8.6600
	0.0012	0.1325	0.0008	0.0238	0.7943	6.9838	1.0528	-0.8920	299.0000
	0.0030	0.1062	0.0018	0.0384	1.5287	3.2161	2.8779	4.4317	3.6400
	0.0029	0.1094	0.0018	0.0378	1.5797	3.4113	2.8848	4.4226	3.6900
	0.0025	0.1321	0.0020	0.0390	1.5533	4.1250	2.8107	4.1233	31.4000
	0.0026	0.1085	0.0016	0.0371	-0.6065	3.8846	1.8568	1.4233	5.5400

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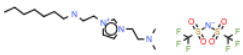
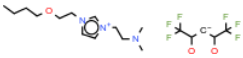
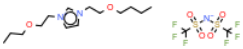
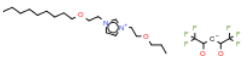
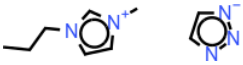
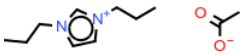
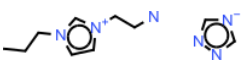
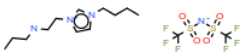
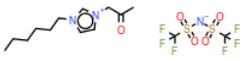
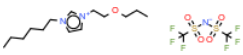
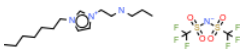
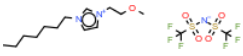
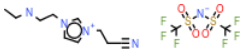
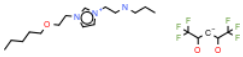
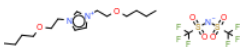
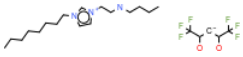
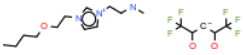
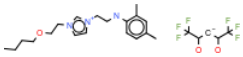
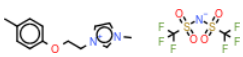
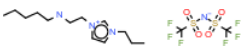
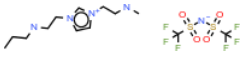
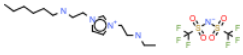
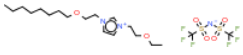
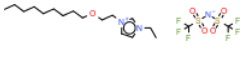
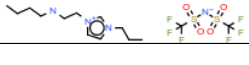
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1089	0.0017	0.0392	-0.6078	3.5879	1.8676	1.5414	1.5600
	0.0024	0.1157	0.0012	0.0330	-2.1320	4.1680	0.4660	-3.0692	15.5000
	0.0025	0.1156	0.0017	0.0358	1.4167	4.1926	2.5990	3.5826	11.1000
	0.0031	0.1168	0.0013	0.0363	-2.4664	3.0843	0.5919	-2.6386	0.7670
	0.0013	0.1908	0.0006	0.0290	-5.5643	5.7984	-2.6634	-13.6156	3690.0000
	0.0018	0.3018	0.0007	0.0242	-8.2919	4.3303	-4.1585	-18.8664	934.0000
	0.0012	0.1562	0.0005	0.0290	-5.5667	6.2137	-2.8364	-13.7698	1780.0000
	0.0023	0.1118	0.0016	0.0357	-0.2908	4.3919	1.9093	1.4817	15.2000
	0.0018	0.1105	0.0015	0.0295	1.9538	5.6248	2.3215	2.8692	20.4000
	0.0026	0.1127	0.0017	0.0366	1.4823	3.9187	2.6945	3.8253	7.3100
	0.0028	0.1078	0.0017	0.0382	-0.3942	3.5645	2.0137	1.9551	3.1100
	0.0024	0.1144	0.0017	0.0356	1.6697	4.2221	2.7109	3.8460	10.3000
	0.0011	0.1005	0.0010	0.0266	1.4167	8.2914	1.4956	0.9807	42.6000
	0.0028	0.1163	0.0013	0.0349	-2.4330	3.4530	0.5528	-2.9667	4.0100
	0.0027	0.1146	0.0018	0.0372	1.1723	3.8200	2.6125	3.6104	5.4400
	0.0030	0.1072	0.0012	0.0357	-2.4627	3.2059	0.5144	-2.6943	1.3800
	0.0021	0.1171	0.0011	0.0318	-2.2549	4.6424	0.2598	-3.7894	24.0000
	0.0024	0.1189	0.0012	0.0379	-1.9329	4.4239	0.5804	-2.6337	6.2700
	0.0017	0.1203	0.0017	0.0337	2.4933	6.0443	2.6603	3.8917	31.5000
	0.0025	0.1113	0.0016	0.0366	-0.3385	4.1048	1.9665	1.6556	9.1200
	0.0020	0.1112	0.0014	0.0337	-0.5083	5.2611	1.4076	0.1782	23.1000
	0.0026	0.1092	0.0016	0.0376	-1.1014	4.0001	1.4728	0.3148	2.7200
	0.0030	0.1121	0.0018	0.0386	1.1752	3.3751	2.7191	3.9805	1.9500
	0.0029	0.1110	0.0018	0.0379	1.3301	3.4991	2.7380	3.9843	2.4000
	0.0023	0.1117	0.0016	0.0355	-0.2312	4.4210	1.8951	1.5181	16.1000

Continued on next page

Table S1 – *Continued from previous page*

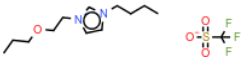
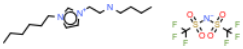
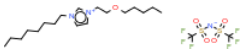
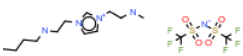
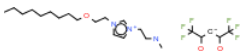
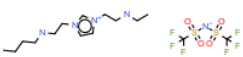
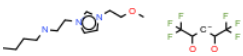
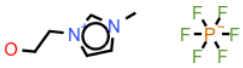
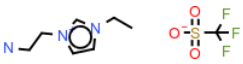
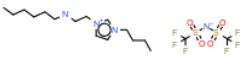
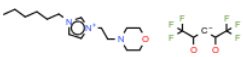
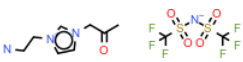
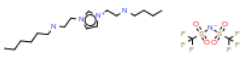
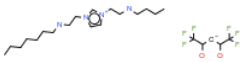
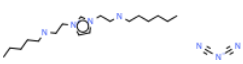
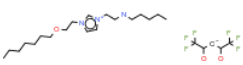
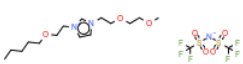
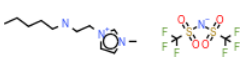
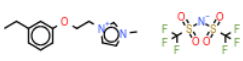
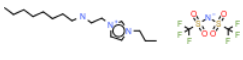
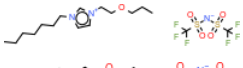
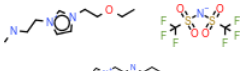
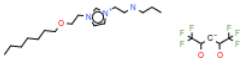
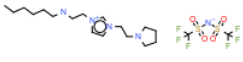
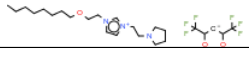
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0016	0.1294	0.0009	0.0269	0.3271	5.7662	1.1555	-0.8257	88.5000
	0.0028	0.1074	0.0017	0.0382	-0.2290	3.5725	2.0874	2.1644	3.0900
	0.0034	0.1052	0.0019	0.0401	1.4862	2.7493	3.0459	5.0248	0.6920
	0.0021	0.1099	0.0014	0.0347	-0.5874	4.9252	1.4494	0.2939	14.2000
	0.0031	0.1143	0.0013	0.0368	-2.4865	3.0725	0.6130	-2.6306	1.2600
	0.0023	0.1098	0.0015	0.0360	-0.7114	4.5121	1.5169	0.5010	7.9600
	0.0020	0.1156	0.0010	0.0305	-1.9410	5.0563	0.3095	-3.4889	24.8000
	0.0003	0.0627	0.0002	0.0094	5.8844	14.4737	0.9920	2.6609	2970.0000
	0.0007	0.1072	0.0005	0.0187	-0.0987	9.3234	0.1069	-3.1715	1200.0000
	0.0028	0.1084	0.0017	0.0383	-0.2963	3.5699	2.0849	2.0689	2.9600
	0.0024	0.1173	0.0011	0.0326	-2.0147	4.2421	0.4710	-2.9225	11.0000
	0.0009	0.0950	0.0010	0.0205	0.4826	9.1722	0.9075	-0.6725	132.0000
	0.0029	0.1072	0.0016	0.0391	-1.2368	3.5249	1.5315	0.5482	0.8490
	0.0029	0.1057	0.0012	0.0362	-2.4918	3.3679	0.4142	-2.8640	0.6100
	0.0022	0.1122	0.0007	0.0412	-2.1906	4.5792	-0.0767	-4.3697	1.4500
	0.0032	0.1116	0.0013	0.0367	-2.6316	2.9959	0.4935	-2.8040	0.4140
	0.0029	0.1208	0.0020	0.0395	1.6293	3.6097	2.9674	4.6454	6.6000
	0.0020	0.1119	0.0015	0.0331	-0.0045	5.0453	1.8495	1.3100	25.4000
	0.0019	0.1192	0.0017	0.0348	2.3295	5.7107	2.6465	3.8064	23.0000
	0.0029	0.1076	0.0017	0.0388	-0.4691	3.4022	2.0494	1.9980	1.8600
	0.0030	0.1090	0.0018	0.0385	1.5939	3.2765	2.9653	4.6441	3.6000
	0.0017	0.1140	0.0014	0.0306	0.2435	6.0347	1.6521	0.9554	59.3000
	0.0029	0.1133	0.0012	0.0356	-2.5205	3.3552	0.4596	-3.0156	1.4200
	0.0029	0.1095	0.0016	0.0393	-0.6179	3.6077	1.8017	1.3585	2.5900
	0.0030	0.1146	0.0012	0.0363	-2.4076	3.3243	0.5201	-2.7631	1.4900

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Table S1 – *Continued from previous page*

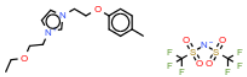
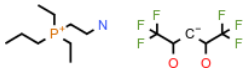
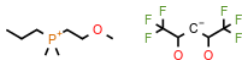
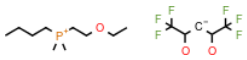
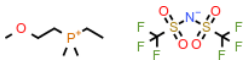
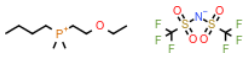
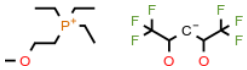
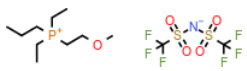
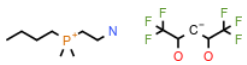
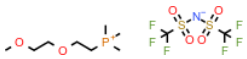
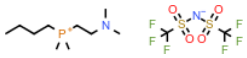
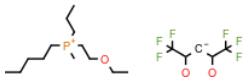
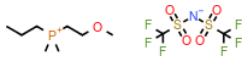
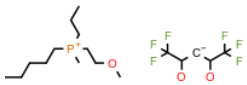
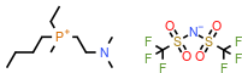
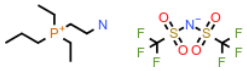
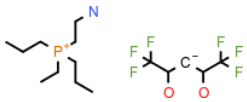
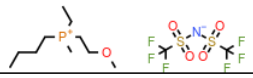
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0022	0.1206	0.0019	0.0366	1.8325	5.0056	2.5940	3.7611	14.1000
	0.0016	0.1335	0.0008	0.0320	-3.0317	5.5253	-0.4265	-6.4693	149.0000
	0.0015	0.1222	0.0008	0.0274	-1.8077	5.8669	0.2379	-4.2923	112.0000
	0.0019	0.1224	0.0010	0.0303	-2.1820	4.8743	0.3095	-4.1244	39.6000
	0.0020	0.1210	0.0016	0.0344	2.0762	4.9708	2.8955	4.1569	59.1000
	0.0014	0.1122	0.0013	0.0286	2.5004	6.3929	2.6745	3.6470	107.0000
	0.0021	0.1116	0.0015	0.0338	1.8934	4.7387	2.8278	3.9358	24.2000
	0.0018	0.1406	0.0010	0.0310	-2.2213	5.0929	0.1940	-4.5907	102.0000
	0.0021	0.1214	0.0017	0.0360	1.9606	4.5884	2.9528	4.3045	42.4000
	0.0014	0.1159	0.0007	0.0282	-2.5319	6.2681	-0.3288	-6.0314	149.0000
	0.0020	0.1194	0.0015	0.0360	0.8132	4.8193	2.4532	2.7120	67.0000
	0.0015	0.1105	0.0013	0.0282	2.2980	6.2894	2.5580	3.3814	37.8000
	0.0022	0.1138	0.0015	0.0366	0.7626	4.4901	2.4998	2.8427	37.0000
	0.0025	0.1298	0.0011	0.0350	-2.6467	3.6757	0.3609	-3.9969	8.6200
	0.0017	0.1128	0.0014	0.0309	2.2370	5.7081	2.7368	3.7352	63.1000
	0.0023	0.1298	0.0011	0.0339	-2.5373	4.0254	0.3305	-4.1149	15.9000
	0.0024	0.1173	0.0016	0.0387	0.5260	4.0743	2.5125	2.8953	26.2000
	0.0018	0.1209	0.0013	0.0356	-2.2460	5.4009	0.6292	-2.9129	88.2000
	0.0018	0.1323	0.0008	0.0335	-3.2037	5.0805	-0.4002	-6.4098	95.6000
	0.0021	0.1160	0.0016	0.0348	1.9236	4.6943	2.8787	4.0912	29.9000

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Table S1 – *Continued from previous page*

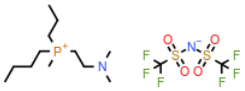
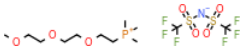
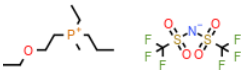
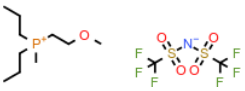
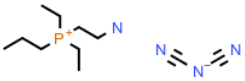
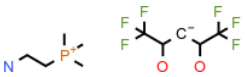
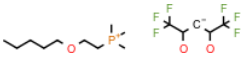
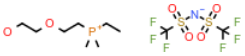
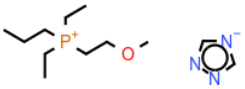
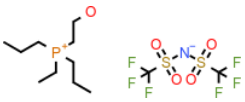
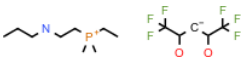
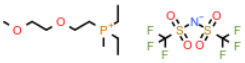
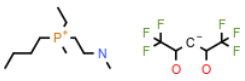
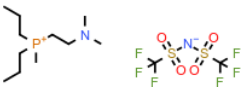
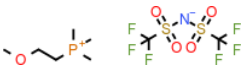
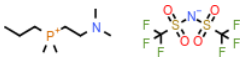
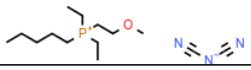
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0026	0.1155	0.0017	0.0403	0.2895	3.6435	2.5361	2.9568	15.3000
	0.0020	0.1084	0.0014	0.0325	1.9142	4.9236	2.7758	3.7376	18.2000
	0.0018	0.1338	0.0009	0.0321	-2.4877	5.0762	0.0126	-5.1672	87.1000
	0.0018	0.1129	0.0014	0.0304	1.9827	5.5620	2.5720	3.4444	9.0600
	0.0021	0.1159	0.0016	0.0351	1.9050	4.5862	2.9020	4.1494	28.7000
	0.0021	0.1154	0.0016	0.0349	1.9143	4.6731	2.8755	4.0895	32.2000
	0.0013	0.1601	0.0005	0.0474	-3.2750	5.9935	-0.9241	-8.4441	580.0000
	0.0008	0.1017	0.0005	0.0213	-1.5608	8.5996	-0.4417	-5.9437	559.0000
	0.0018	0.1155	0.0009	0.0290	-2.0657	5.0728	0.3483	-3.9997	29.4000
	0.0013	0.1040	0.0013	0.0250	2.0839	6.9106	1.3849	1.7563	101.0000
	0.0020	0.3293	0.0007	0.0447	-7.7846	3.9768	-3.5444	-17.8556	456.0000
	0.0018	0.1078	0.0015	0.0301	1.4797	5.3385	1.3923	1.8268	57.9000
	0.0017	0.1245	0.0008	0.0306	-2.2828	5.3059	0.0824	-4.8754	83.7000
	0.0020	0.1193	0.0016	0.0336	1.8901	5.0035	2.7486	3.8226	19.1000
	0.0020	0.1318	0.0009	0.0331	-2.7609	4.7319	-0.0441	-5.3111	54.8000
	0.0024	0.1171	0.0016	0.0390	0.4651	4.0213	2.5116	2.8898	27.7000
	0.0012	0.1074	0.0012	0.0256	2.7948	7.2206	2.5749	3.4724	145.0000
	0.0020	0.1143	0.0014	0.0351	0.9179	4.9304	2.4407	2.6927	58.0000
	0.0018	0.1666	0.0007	0.0484	-2.5732	4.9059	-0.2426	-6.3614	70.2000

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Table S1 – *Continued from previous page*

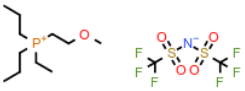
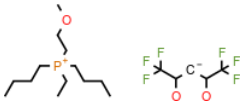
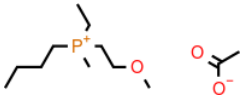
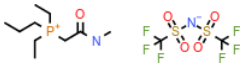
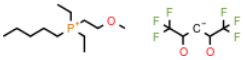
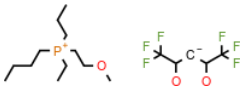
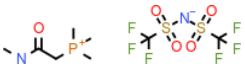
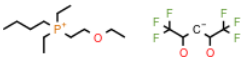
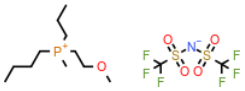
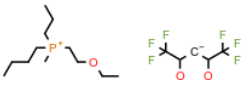
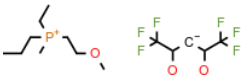
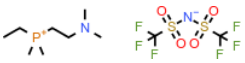
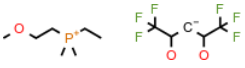
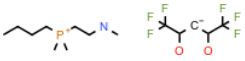
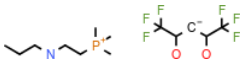
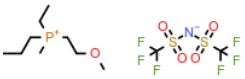
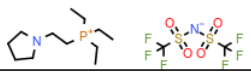
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0023	0.1191	0.0017	0.0372	1.8435	4.2384	2.9813	4.4016	28.2000
	0.0026	0.1391	0.0012	0.0363	-2.7436	3.6038	0.3135	-4.2229	11.8000
	0.0019	0.1131	0.0015	0.0327	2.0222	5.1141	2.7993	3.8524	36.2000
	0.0021	0.3769	0.0007	0.0293	-9.5026	3.6626	-4.6845	-21.4159	246.0000
	0.0019	0.1141	0.0015	0.0332	1.6731	5.2770	2.2418	2.8954	43.6000
	0.0023	0.1399	0.0011	0.0348	-2.6047	4.0134	0.2825	-4.3278	23.0000
	0.0024	0.1416	0.0012	0.0356	-2.6858	3.8597	0.2765	-4.3915	20.1000
	0.0011	0.1011	0.0011	0.0235	2.5937	7.9315	1.9961	2.3342	146.0000
	0.0024	0.1372	0.0012	0.0348	-2.6217	3.8964	0.3023	-4.2352	19.2000
	0.0023	0.1138	0.0016	0.0363	1.7938	4.2409	2.9386	4.2640	17.8000
	0.0023	0.1305	0.0011	0.0341	-2.5654	3.9535	0.3316	-4.1156	15.2000
	0.0017	0.1149	0.0014	0.0309	2.0719	5.6141	2.6489	3.5810	26.2000
	0.0017	0.1308	0.0009	0.0300	-2.1063	5.2484	0.2310	-4.4103	87.6000
	0.0018	0.1159	0.0014	0.0334	1.0294	5.4263	2.3763	2.5251	94.0000
	0.0013	0.1197	0.0008	0.0252	-1.5027	6.5770	0.2041	-4.2921	199.0000
	0.0017	0.1212	0.0008	0.0304	-2.3902	5.3405	0.0069	-5.0431	85.0000
	0.0015	0.1162	0.0007	0.0279	-2.1534	5.9581	0.0047	-5.0463	109.0000
	0.0019	0.1163	0.0015	0.0334	2.0870	5.1109	2.8456	4.0146	50.9000
	0.0028	0.1214	0.0019	0.0413	1.8084	3.2557	3.3192	5.2545	51.5000

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Table S1 – *Continued from previous page*

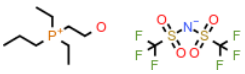
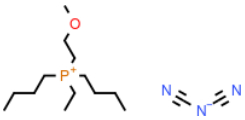
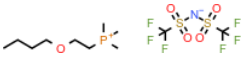
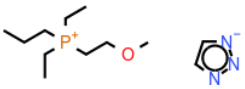
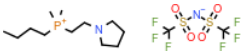
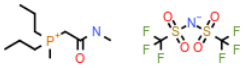
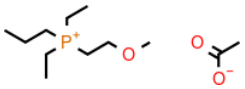
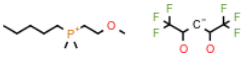
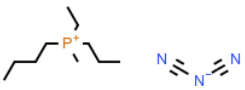
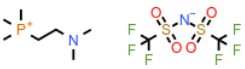
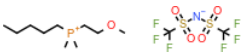
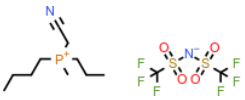
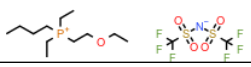
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0016	0.1091	0.0014	0.0287	1.6540	5.8063	1.3689	1.7844	86.9000
	0.0020	0.1698	0.0008	0.0515	-2.7745	4.4322	-0.2160	-6.3786	33.5000
	0.0018	0.1088	0.0014	0.0311	2.0618	5.3393	2.7326	3.6388	30.5000
	0.0016	0.1110	0.0014	0.0285	1.8229	6.0474	1.5497	2.1331	66.2000
	0.0020	0.3263	0.0007	0.0457	-7.4158	3.8629	-3.2423	-16.8832	417.0000
	0.0017	0.1241	0.0009	0.0292	-2.0569	5.2575	0.2725	-4.2579	61.6000
	0.0027	0.1111	0.0017	0.0395	1.7759	3.3901	3.2239	5.0048	32.4000
	0.0018	0.1087	0.0014	0.0305	1.5175	5.6731	1.9809	2.2313	36.9000
	0.0023	0.5115	0.0008	0.0343	-10.1626	3.1164	-4.9543	-22.8584	323.0000
	0.0025	0.1133	0.0017	0.0382	1.8742	3.7655	3.1832	4.8255	24.3000
	0.0019	0.1225	0.0009	0.0302	-2.1673	4.9258	0.3079	-4.1429	36.9000
	0.0022	0.1394	0.0010	0.0356	-2.7761	4.2295	0.0772	-4.9948	42.1000
	0.0017	0.1699	0.0006	0.0500	-2.7210	5.0160	-0.3527	-7.0449	266.0000
	0.0028	0.1136	0.0017	0.0399	1.7990	3.3720	3.2571	5.0905	18.1000
	0.0015	0.1109	0.0012	0.0304	1.4413	6.1496	2.3346	2.4748	133.0000
	0.0020	0.1120	0.0015	0.0336	1.9002	4.7782	2.8269	3.9085	21.3000
	0.0019	0.1228	0.0009	0.0301	-2.1669	4.9200	0.3134	-4.1380	34.8000
	0.0020	0.1115	0.0015	0.0338	1.9008	4.7854	2.8243	3.9165	22.5000
	0.0014	0.1004	0.0011	0.0321	2.3006	6.6713	2.2152	2.6149	47.5000
	0.0026	0.1160	0.0018	0.0381	1.7079	3.7891	3.0330	4.5667	12.3000

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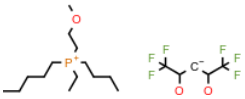
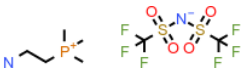
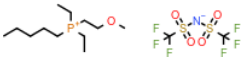
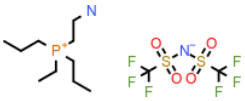
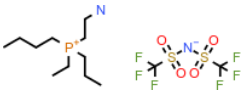
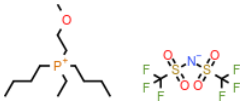
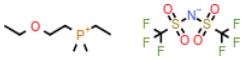
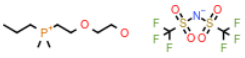
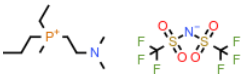
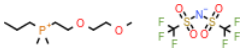
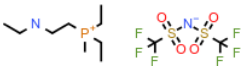
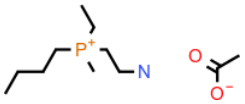
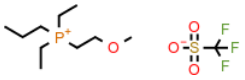
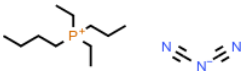
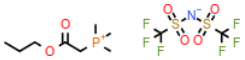
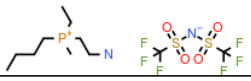
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0027	0.1357	0.0012	0.0366	-2.7549	3.4459	0.3482	-4.0317	8.2500
	0.0009	0.1019	0.0009	0.0246	-0.8751	8.3132	0.5616	-2.6241	277.0000
	0.0015	0.1105	0.0011	0.0317	-1.7138	6.1006	0.7378	-2.4996	86.3000
	0.0025	0.1177	0.0017	0.0381	1.7466	3.9017	3.0308	4.5454	14.8000
	0.0020	0.1192	0.0014	0.0371	-2.4227	4.9631	0.6499	-2.8791	58.7000
	0.0022	0.1208	0.0014	0.0392	-2.8087	4.3913	0.5922	-3.1583	26.1000
	0.0027	0.1153	0.0018	0.0396	1.6501	3.4987	3.0979	4.7659	7.8600
	0.0008	0.0914	0.0009	0.0185	2.9216	9.0377	1.2209	1.5494	278.0000
	0.0017	0.1134	0.0014	0.0308	2.2059	5.6666	2.7371	3.7171	60.8000
	0.0015	0.1062	0.0013	0.0273	1.7309	6.2099	1.4892	1.8816	54.2000
	0.0022	0.1183	0.0016	0.0378	0.6752	4.3697	2.5158	2.8748	45.7000
	0.0019	0.1148	0.0015	0.0328	1.8591	5.0794	2.6963	3.6705	15.0000
	0.0020	0.1190	0.0014	0.0356	-0.6919	4.9439	1.7205	0.4439	51.8000
	0.0020	0.3416	0.0006	0.0319	-9.6079	3.5712	-4.6645	-21.5585	474.0000
	0.0016	0.1559	0.0009	0.0308	0.0284	5.4559	1.2263	-1.3733	181.0000
	0.0019	0.1918	0.0007	0.0563	-3.0503	4.4026	-0.3575	-7.2979	171.0000
	0.0016	0.1094	0.0016	0.0271	2.3914	5.9469	2.6616	3.7073	51.6000
	0.0023	0.1154	0.0016	0.0373	1.9431	4.0729	3.1208	4.6384	92.6000
	0.0018	0.1168	0.0012	0.0348	-2.3809	5.3810	0.5653	-3.1725	57.6000

Continued on next page

Table S1 – *Continued from previous page*

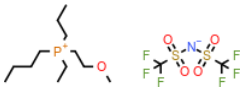
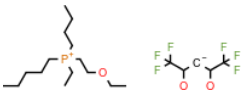
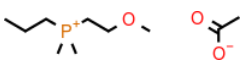
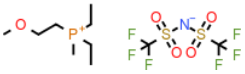
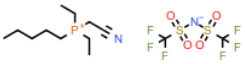
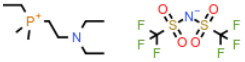
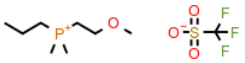
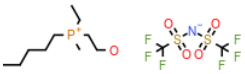
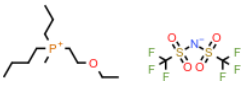
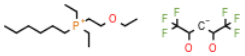
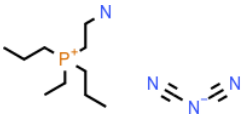
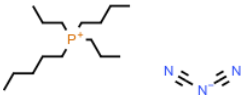
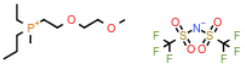
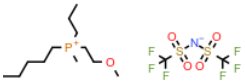
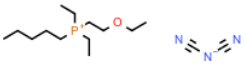
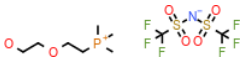
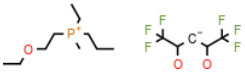
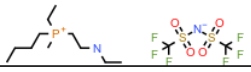
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0026	0.1173	0.0018	0.0388	1.7137	3.7533	3.0671	4.6355	13.0000
	0.0029	0.1350	0.0013	0.0375	-2.8378	3.1504	0.3780	-3.9050	4.4300
	0.0019	0.3235	0.0007	0.0274	-9.3200	3.8378	-4.5231	-20.9577	656.0000
	0.0017	0.1174	0.0014	0.0317	2.2436	5.6208	2.7824	3.8688	75.5000
	0.0017	0.1053	0.0012	0.0351	2.1660	6.0530	2.3532	3.0017	34.3000
	0.0022	0.1148	0.0015	0.0354	-0.7760	4.5064	1.8674	0.9599	45.8000
	0.0011	0.1263	0.0007	0.0236	0.7683	7.0447	1.1292	-1.1382	336.0000
	0.0024	0.1202	0.0017	0.0376	-1.9880	4.0378	1.3445	-0.6114	36.9000
	0.0018	0.1037	0.0014	0.0294	1.4338	5.3546	1.4129	1.7477	35.3000
	0.0025	0.1128	0.0017	0.0376	1.6850	3.8379	2.9979	4.4496	9.8300
	0.0027	0.1345	0.0012	0.0366	-2.7784	3.3422	0.3656	-3.9815	5.7500
	0.0014	0.1564	0.0005	0.0483	-3.3331	5.7669	-0.8978	-8.3406	350.0000
	0.0025	0.1799	0.0008	0.0594	-3.2183	3.5627	-0.2318	-6.7027	21.7000
	0.0022	0.1175	0.0016	0.0350	1.7489	4.6046	2.7894	3.9268	12.2000
	0.0025	0.1127	0.0017	0.0374	1.7047	3.9067	2.9879	4.4180	10.3000
	0.0020	0.1686	0.0008	0.0502	-2.7087	4.5214	-0.2072	-6.2907	35.2000
	0.0011	0.0977	0.0011	0.0217	2.1860	7.7181	1.3800	1.6119	72.8000
	0.0020	0.1320	0.0010	0.0316	-2.3091	4.7119	0.2674	-4.3312	47.4000
	0.0023	0.1175	0.0015	0.0383	-1.1114	4.1699	1.7389	0.4933	22.2000

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Table S1 – *Continued from previous page*

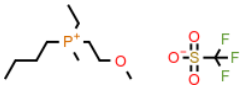
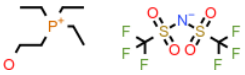
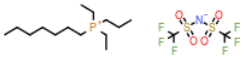
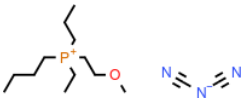
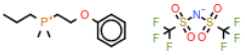
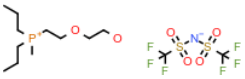
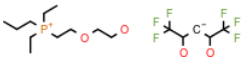
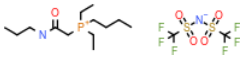
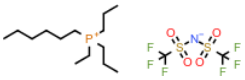
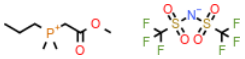
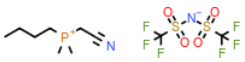
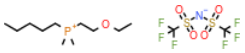
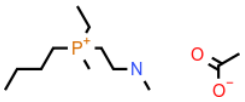
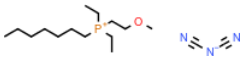
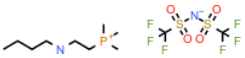
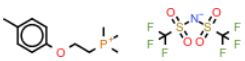
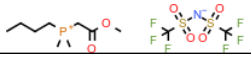
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0015	0.1392	0.0008	0.0283	0.2145	5.7657	1.2224	-1.1759	131.0000
	0.0015	0.1097	0.0014	0.0270	1.8722	6.3352	1.3289	1.7388	130.0000
	0.0018	0.1936	0.0007	0.0545	-2.9284	4.7779	-0.4084	-7.4110	396.0000
	0.0031	0.1112	0.0018	0.0414	1.7307	2.9458	3.3422	5.4364	7.9800
	0.0019	0.1735	0.0007	0.0512	-2.7462	4.6396	-0.2558	-6.5691	60.5000
	0.0015	0.1117	0.0014	0.0277	2.4757	6.3378	2.6145	3.5753	84.2000
	0.0020	0.1194	0.0017	0.0378	2.3316	5.1511	2.9841	4.5766	23.6000
	0.0020	0.1112	0.0016	0.0322	1.3991	4.9198	1.7012	2.4120	23.4000
	0.0030	0.1120	0.0017	0.0417	0.4005	3.1633	2.7020	3.5399	4.9700
	0.0018	0.1143	0.0010	0.0276	-1.4605	5.2418	0.3997	-2.6786	26.4000
	0.0025	0.1112	0.0017	0.0368	1.2668	4.0377	2.4206	3.3322	7.9900
	0.0032	0.1102	0.0018	0.0420	1.7147	2.8021	3.3856	5.5638	6.5300
	0.0016	0.1123	0.0016	0.0273	2.4461	6.0123	2.6730	3.8311	60.5000
	0.0011	0.0935	0.0010	0.0269	2.7963	8.0801	2.0751	2.2826	95.2000
	0.0023	0.1106	0.0016	0.0352	1.7505	4.3267	2.8774	4.0639	12.7000
	0.0021	0.3577	0.0006	0.0302	-9.4407	3.6696	-4.6641	-21.2498	278.0000
	0.0021	0.1622	0.0008	0.0496	-2.6781	4.4336	-0.1631	-6.0534	19.7000
	0.0018	0.1100	0.0013	0.0330	-0.4459	5.2398	1.7469	0.5280	34.9000
	0.0017	0.1148	0.0015	0.0335	2.5063	6.0050	2.7869	4.0309	27.8000
	0.0018	0.1123	0.0017	0.0289	2.2722	5.5136	2.7371	3.9462	40.8000

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Table S1 – *Continued from previous page*

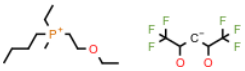
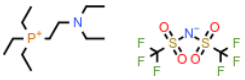
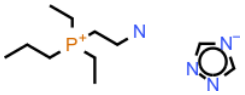
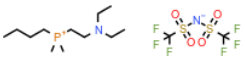
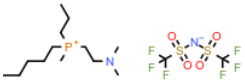
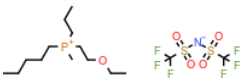
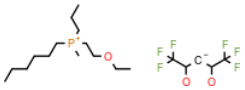
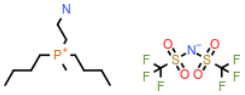
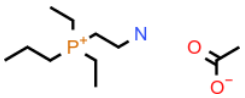
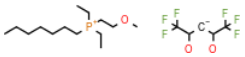
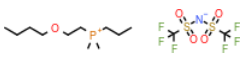
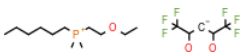
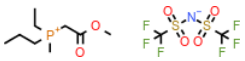
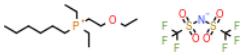
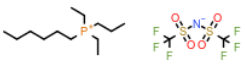
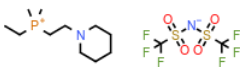
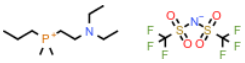
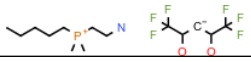
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1316	0.0011	0.0328	-2.4372	4.3381	0.2991	-4.2317	26.5000
	0.0027	0.1257	0.0018	0.0402	-2.3639	3.5736	1.2798	-0.8078	29.8000
	0.0018	0.2863	0.0006	0.0458	-7.6857	4.1412	-3.5205	-17.7401	984.0000
	0.0025	0.1137	0.0016	0.0377	-2.3104	3.8169	1.2301	-0.9204	18.6000
	0.0028	0.1134	0.0017	0.0410	0.5652	3.3919	2.7124	3.5316	8.8200
	0.0027	0.1116	0.0017	0.0385	1.5968	3.5614	3.0308	4.5719	5.7500
	0.0027	0.1283	0.0012	0.0357	-2.7031	3.4362	0.3959	-3.8448	4.7400
	0.0022	0.1153	0.0014	0.0379	-2.7332	4.4857	0.6163	-3.0693	20.3000
	0.0022	0.4167	0.0007	0.0358	-9.9978	3.1338	-4.7881	-22.2821	669.0000
	0.0027	0.1367	0.0012	0.0364	-2.7411	3.4957	0.3503	-4.0500	7.3200
	0.0023	0.1109	0.0016	0.0352	1.7881	4.3339	2.8924	4.1072	12.5000
	0.0022	0.1218	0.0010	0.0325	-2.4165	4.1763	0.3767	-3.9087	12.6000
	0.0018	0.1159	0.0017	0.0297	2.2799	5.4338	2.7652	4.0849	48.4000
	0.0020	0.1242	0.0015	0.0367	-0.8480	4.9018	1.6111	0.1179	79.3000
	0.0024	0.1180	0.0017	0.0370	1.8028	4.1109	3.0015	4.4345	19.9000
	0.0029	0.1124	0.0018	0.0399	1.5729	3.2360	3.1182	4.8741	3.9300
	0.0030	0.1131	0.0018	0.0411	1.7637	3.0858	3.3348	5.3529	11.0000
	0.0022	0.1138	0.0015	0.0356	0.9941	4.5269	2.5965	3.1372	70.7000
	0.0024	0.1144	0.0016	0.0364	-2.5714	4.1493	1.0014	-1.5947	28.9000
	0.0016	0.1191	0.0007	0.0302	-3.0086	5.6161	-0.3983	-6.3748	71.3000

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Table S1 – *Continued from previous page*

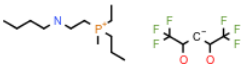
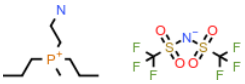
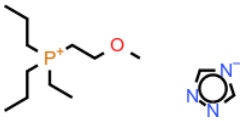
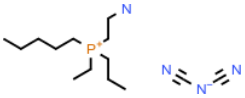
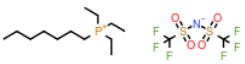
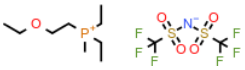
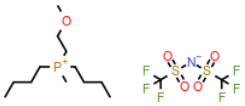
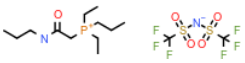
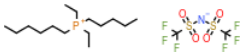
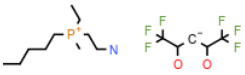
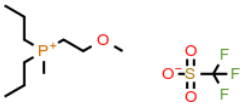
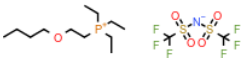
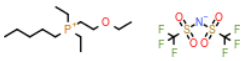
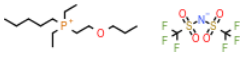
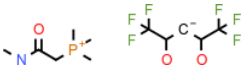
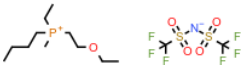
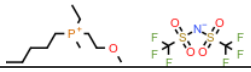
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0023	0.1320	0.0010	0.0356	-2.8553	4.0031	0.1097	-4.8489	17.3000
	0.0018	0.1163	0.0013	0.0352	-2.2612	5.3157	0.6405	-2.9294	61.0000
	0.0020	0.3109	0.0007	0.0440	-7.6553	4.0165	-3.4988	-17.5138	278.0000
	0.0017	0.1534	0.0006	0.0500	-3.2889	5.2136	-0.7342	-7.8084	96.2000
	0.0029	0.1138	0.0018	0.0407	1.7747	3.1677	3.3096	5.2831	12.2000
	0.0019	0.1175	0.0015	0.0335	2.0390	5.0436	2.8443	3.9950	45.4000
	0.0025	0.1123	0.0017	0.0375	1.7114	3.8918	2.9953	4.4430	10.3000
	0.0023	0.1134	0.0016	0.0354	1.3244	4.4349	2.3033	3.0478	15.6000
	0.0033	0.1086	0.0019	0.0423	1.6979	2.6477	3.4157	5.7093	3.6600
	0.0016	0.1150	0.0016	0.0332	2.6379	6.1791	2.8302	4.2123	30.2000
	0.0018	0.1241	0.0008	0.0324	-3.0378	5.1133	-0.2941	-6.0502	56.4000
	0.0015	0.1387	0.0008	0.0285	0.1909	5.7241	1.2163	-1.1959	141.0000
	0.0026	0.1181	0.0017	0.0381	1.7565	3.8311	3.0631	4.6203	12.7000
	0.0027	0.1163	0.0018	0.0393	1.6641	3.5209	3.0997	4.7683	8.1500
	0.0029	0.1142	0.0018	0.0401	1.6166	3.2583	3.1475	4.9464	4.6900
	0.0010	0.0955	0.0007	0.0209	-0.4869	8.0141	0.2852	-3.2334	229.0000
	0.0023	0.1149	0.0016	0.0363	1.7635	4.2169	2.9334	4.2402	16.6000
	0.0023	0.1145	0.0016	0.0360	1.8106	4.3086	2.9305	4.2366	17.3000

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Table S1 – *Continued from previous page*

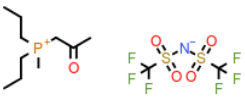
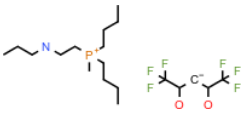
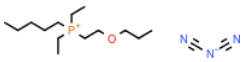
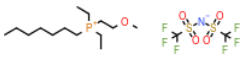
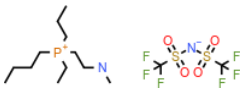
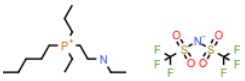
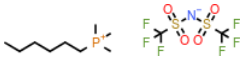
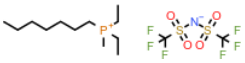
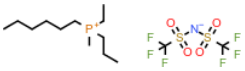
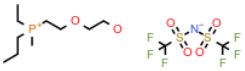
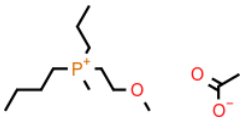
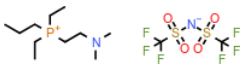
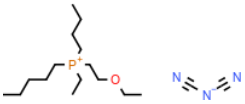
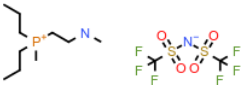
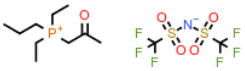
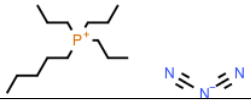
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0019	0.1154	0.0016	0.0321	2.0846	5.1727	2.7534	3.8986	42.8000
	0.0027	0.1318	0.0011	0.0379	-2.9604	3.4276	0.1948	-4.5241	7.0000
	0.0022	0.1670	0.0008	0.0512	-2.7794	4.2561	-0.1699	-6.1557	18.4000
	0.0028	0.1142	0.0018	0.0396	1.6239	3.3854	3.1080	4.8285	5.0000
	0.0026	0.1189	0.0016	0.0408	-1.5405	3.7094	1.6125	0.0923	14.6000
	0.0029	0.1143	0.0017	0.0417	-0.9579	3.3066	2.0194	1.4693	6.3700
	0.0020	0.1093	0.0014	0.0341	2.0519	4.6748	2.9900	4.2048	43.1000
	0.0027	0.1116	0.0017	0.0390	1.8079	3.4957	3.2184	4.9674	14.3000
	0.0027	0.1111	0.0017	0.0393	1.7963	3.4470	3.2271	4.9971	15.4000
	0.0017	0.1094	0.0015	0.0291	1.5765	5.7650	1.1436	1.6306	54.0000
	0.0021	0.3677	0.0007	0.0292	-9.4537	3.6282	-4.6789	-21.2526	133.0000
	0.0017	0.1176	0.0015	0.0304	2.3012	5.7934	2.6774	3.7637	85.1000
	0.0025	0.1213	0.0017	0.0402	0.6517	3.9204	2.6378	3.2385	36.5000
	0.0023	0.1648	0.0008	0.0524	-2.8481	4.0072	-0.1466	-6.0435	11.1000
	0.0021	0.1173	0.0014	0.0370	-1.1402	4.5698	1.5600	-0.0639	36.2000
	0.0019	0.1193	0.0016	0.0323	2.1655	5.2299	2.7687	4.0166	64.1000
	0.0023	0.1816	0.0008	0.0584	-3.1687	3.8099	-0.2712	-6.8745	42.2000

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Table S1 – *Continued from previous page*

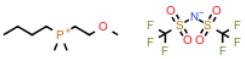
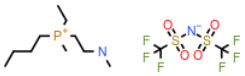
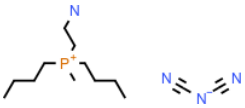
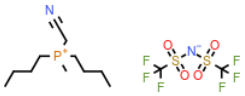
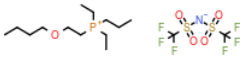
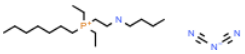
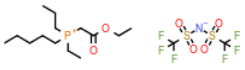
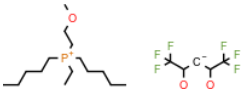
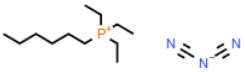
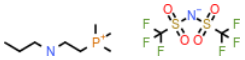
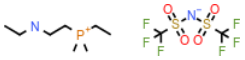
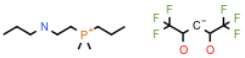
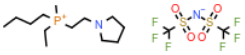
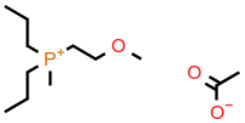
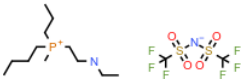
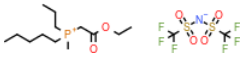
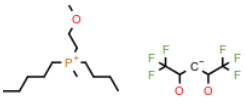
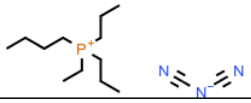
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0018	0.1125	0.0014	0.0323	2.0816	5.2606	2.7801	3.8266	42.5000
	0.0021	0.1179	0.0014	0.0368	-1.3764	4.6044	1.4379	-0.4398	33.8000
	0.0015	0.1440	0.0005	0.0463	-3.3948	5.5681	-0.8487	-8.1298	109.0000
	0.0016	0.1008	0.0012	0.0339	2.0737	6.1035	2.2559	2.6563	28.3000
	0.0027	0.1157	0.0018	0.0390	1.6804	3.5636	3.0920	4.7429	8.2800
	0.0025	0.1579	0.0008	0.0546	-3.1283	3.6641	-0.2274	-6.1626	3.0900
	0.0028	0.1144	0.0021	0.0373	1.7692	3.4577	3.0893	5.0132	6.0400
	0.0028	0.1337	0.0012	0.0373	-2.8018	3.2256	0.3814	-3.8809	4.6400
	0.0020	0.1790	0.0007	0.0544	-2.9850	4.3095	-0.2997	-6.9603	88.2000
	0.0016	0.1104	0.0012	0.0314	-0.6979	5.7874	1.5059	-0.1536	63.0000
	0.0017	0.1147	0.0013	0.0328	-0.4316	5.5350	1.6924	0.4056	69.9000
	0.0019	0.1265	0.0009	0.0323	-2.4823	4.8353	0.0951	-4.8597	53.0000
	0.0030	0.1133	0.0018	0.0414	1.7338	3.0118	3.3271	5.3468	23.5000
	0.0021	0.3747	0.0007	0.0294	-9.5131	3.6164	-4.6827	-21.4024	264.0000
	0.0025	0.1158	0.0016	0.0397	-1.3758	3.7948	1.7180	0.4363	13.3000
	0.0027	0.1120	0.0020	0.0357	1.7851	3.7410	2.9928	4.7028	6.4800
	0.0025	0.1285	0.0011	0.0349	-2.6147	3.7305	0.3678	-3.9550	8.8000
	0.0021	0.1936	0.0008	0.0589	-3.1893	4.0354	-0.3308	-7.2576	92.5000

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Table S1 – *Continued from previous page*

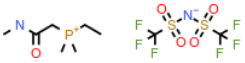
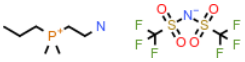
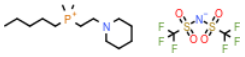
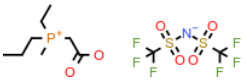
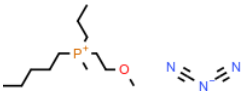
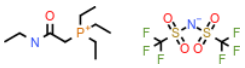
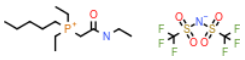
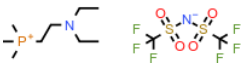
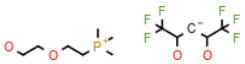
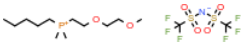
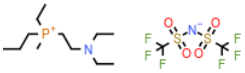
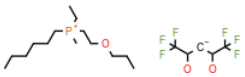
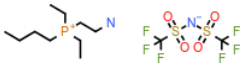
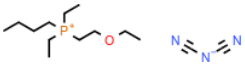
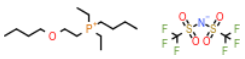
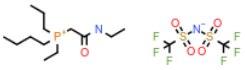
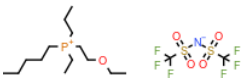
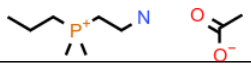
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0019	0.1192	0.0017	0.0357	2.3750	5.6052	2.8181	4.1017	40.1000
	0.0013	0.1065	0.0012	0.0263	2.2980	7.1016	2.0691	2.4777	111.0000
	0.0014	0.1115	0.0011	0.0304	-1.8636	6.5480	0.5082	-3.1837	122.0000
	0.0027	0.1086	0.0016	0.0389	0.6850	3.4977	2.7155	3.5607	12.0000
	0.0014	0.0995	0.0016	0.0225	1.5549	6.5494	0.1125	-0.7783	99.9000
	0.0018	0.1494	0.0007	0.0453	-2.4248	5.0503	-0.2025	-6.0757	49.9000
	0.0019	0.1170	0.0015	0.0318	1.5800	5.3604	2.1597	2.7073	44.8000
	0.0024	0.1138	0.0017	0.0355	1.1858	4.2463	2.2557	2.9763	10.2000
	0.0019	0.1123	0.0014	0.0325	-1.8517	5.1202	1.1121	-1.2797	70.0000
	0.0010	0.0913	0.0006	0.0189	-0.2806	7.9006	0.3326	-2.5451	109.0000
	0.0019	0.1142	0.0013	0.0342	-0.3149	5.1586	1.8519	0.8766	49.9000
	0.0023	0.1128	0.0016	0.0352	1.6157	4.3411	2.7742	3.8796	5.2000
	0.0026	0.1182	0.0017	0.0388	-2.5297	3.6854	1.1611	-1.1411	22.7000
	0.0026	0.1277	0.0012	0.0354	-2.6743	3.4963	0.3992	-3.8308	4.7500
	0.0023	0.1220	0.0016	0.0384	0.8142	4.3240	2.5839	3.0829	56.0000
	0.0020	0.1189	0.0013	0.0373	-2.4546	4.8531	0.6674	-2.8816	43.5000
	0.0019	0.1645	0.0007	0.0485	-2.6033	4.7984	-0.2354	-6.3326	59.0000
	0.0029	0.1140	0.0018	0.0400	1.6195	3.2810	3.1387	4.9221	4.7300
	0.0024	0.1135	0.0017	0.0357	1.2166	4.2182	2.2931	3.0682	10.9000
	0.0029	0.1138	0.0018	0.0401	1.5997	3.2854	3.1244	4.8875	5.3700
	0.0020	0.3213	0.0006	0.0324	-9.7625	3.3350	-4.5619	-21.6119	1240.0000

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Table S1 – *Continued from previous page*

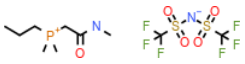
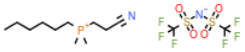
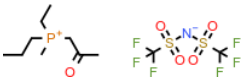
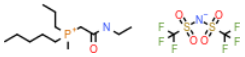
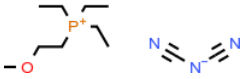
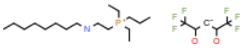
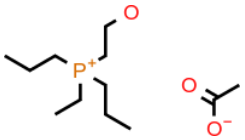
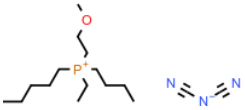
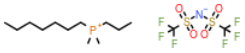
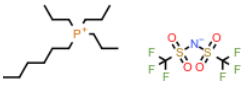
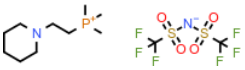
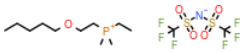
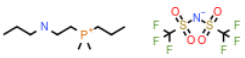
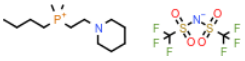
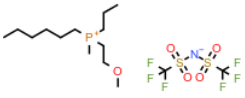
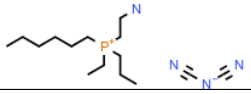
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0015	0.1067	0.0013	0.0284	1.9902	6.3834	2.1172	2.4777	63.5000
	0.0015	0.1022	0.0011	0.0320	2.1844	6.6522	2.2970	2.6188	19.5000
	0.0017	0.1159	0.0015	0.0303	2.2730	5.7097	2.6974	3.7852	66.6000
	0.0023	0.1075	0.0016	0.0347	1.1270	4.3704	2.1991	2.7116	8.2200
	0.0024	0.1196	0.0016	0.0391	-0.7885	4.1192	1.9293	1.0868	26.6000
	0.0015	0.1716	0.0006	0.0457	-2.3838	5.6462	-0.3529	-6.7533	380.0000
	0.0031	0.1308	0.0012	0.0396	-3.1504	2.8608	0.2363	-4.2306	1.3800
	0.0019	0.2816	0.0007	0.0254	-8.0265	4.0268	-3.8094	-17.9390	259.0000
	0.0021	0.1640	0.0008	0.0510	-2.7479	4.3292	-0.1807	-6.1447	22.0000
	0.0027	0.1080	0.0016	0.0384	1.7801	3.5031	3.1889	4.8763	10.7000
	0.0033	0.1076	0.0019	0.0429	1.6831	2.5466	3.4403	5.7895	3.8900
	0.0020	0.1114	0.0014	0.0336	0.8419	4.9179	2.4154	2.5752	83.4000
	0.0022	0.1106	0.0015	0.0346	1.7924	4.4314	2.8661	4.0205	12.8000
	0.0021	0.1144	0.0014	0.0359	-0.5487	4.6988	1.8529	0.8576	32.8000
	0.0026	0.1107	0.0016	0.0383	1.0085	3.7705	2.7766	3.7116	24.2000
	0.0015	0.1401	0.0009	0.0286	0.1659	5.6469	1.2309	-1.1808	126.0000
	0.0026	0.1111	0.0017	0.0382	1.6321	3.6412	3.0207	4.5447	5.9400
	0.0023	0.5048	0.0008	0.0365	-10.2500	2.9446	-4.9303	-22.9110	655.0000
	0.0019	0.1634	0.0006	0.0532	-3.7624	4.6484	-0.7928	-8.1885	34.2000

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Table S1 – *Continued from previous page*

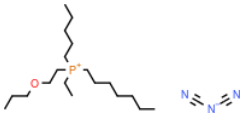
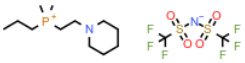
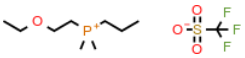
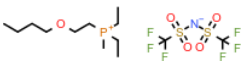
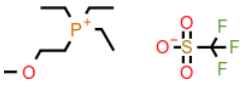
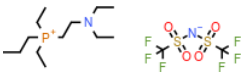
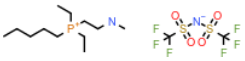
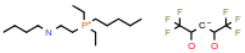
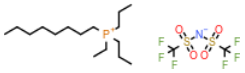
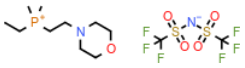
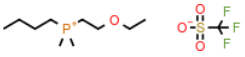
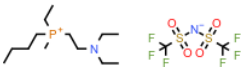
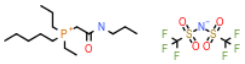
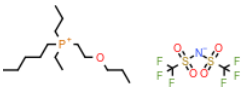
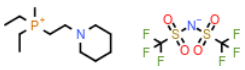
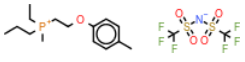
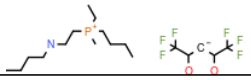
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1593	0.0009	0.0551	-3.0221	3.1903	-0.0108	-5.4849	0.7890
	0.0024	0.1116	0.0015	0.0371	0.7999	4.0802	2.6196	3.2148	35.9000
	0.0013	0.1285	0.0007	0.0253	0.4969	6.3899	1.1828	-1.1178	176.0000
	0.0023	0.1149	0.0016	0.0359	1.7815	4.2582	2.9342	4.2287	15.7000
	0.0029	0.1273	0.0012	0.0367	-2.7720	3.1695	0.4256	-3.7071	2.5300
	0.0014	0.1538	0.0009	0.0291	0.1730	5.8430	1.1837	-1.4428	273.0000
	0.0029	0.1226	0.0018	0.0409	-2.6591	3.3379	1.1862	-1.0284	20.7000
	0.0028	0.1144	0.0018	0.0407	1.7731	3.2955	3.2308	5.1184	19.5000
	0.0028	0.1338	0.0011	0.0387	-3.1053	3.2154	0.1604	-4.5654	4.6000
	0.0024	0.1099	0.0016	0.0373	1.8614	3.8752	3.1230	4.6543	22.1000
	0.0034	0.1064	0.0019	0.0427	1.6769	2.4801	3.4450	5.8581	2.2800
	0.0017	0.1194	0.0013	0.0326	1.4528	5.6098	2.3708	2.6933	79.9000
	0.0014	0.1267	0.0008	0.0263	0.3524	5.9876	1.2172	-1.0209	108.0000
	0.0028	0.1151	0.0017	0.0394	-2.4347	3.4297	1.2638	-0.7555	12.8000
	0.0028	0.1075	0.0017	0.0383	1.1543	3.6015	2.4572	3.5290	3.7700
	0.0031	0.1117	0.0019	0.0408	1.5558	3.0276	3.1720	5.0716	2.9200
	0.0024	0.1169	0.0016	0.0380	0.6167	3.9922	2.5939	3.1168	49.3000
	0.0021	0.1156	0.0016	0.0347	1.8921	4.6126	2.8886	4.0918	25.8000
	0.0024	0.1201	0.0019	0.0412	2.0880	4.3331	3.0926	4.8625	14.1000
	0.0025	0.1310	0.0011	0.0365	-2.9411	3.7100	0.1397	-4.7199	9.5400

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Table S1 – *Continued from previous page*

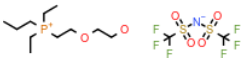
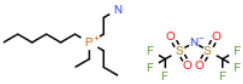
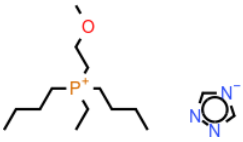
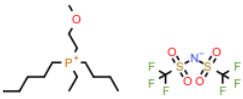
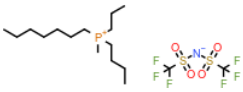
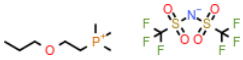
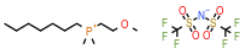
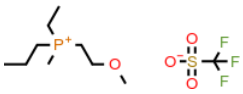
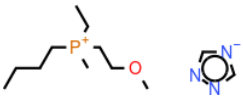
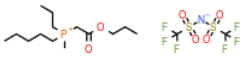
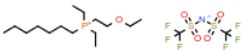
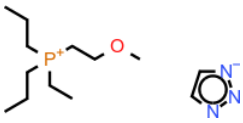
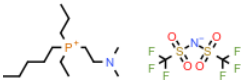
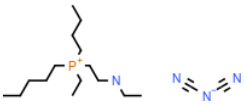
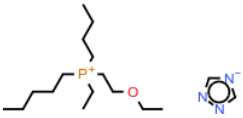
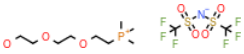
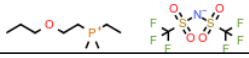
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0019	0.1125	0.0015	0.0309	1.2438	5.1557	1.5477	2.0553	19.7000
	0.0026	0.1189	0.0015	0.0413	-2.9257	3.7214	0.7249	-2.7426	8.0000
	0.0022	0.3091	0.0007	0.0454	-7.6995	3.7698	-3.4806	-17.3674	64.6000
	0.0029	0.1134	0.0018	0.0400	1.6128	3.3390	3.1077	4.8492	5.6100
	0.0032	0.1051	0.0018	0.0415	1.6727	2.7071	3.3640	5.5633	2.9200
	0.0016	0.1091	0.0013	0.0297	2.2320	5.8080	2.6909	3.5603	50.6000
	0.0024	0.1093	0.0016	0.0359	1.7057	4.1154	2.9096	4.1699	7.6700
	0.0013	0.1390	0.0008	0.0270	0.3725	6.1965	1.1786	-1.2620	242.0000
	0.0018	0.2559	0.0006	0.0379	-7.2008	4.5584	-3.3493	-16.7224	344.0000
	0.0029	0.1097	0.0020	0.0366	1.7062	3.4185	3.0367	4.8715	3.6300
	0.0031	0.1126	0.0018	0.0405	1.5650	3.0781	3.1660	5.0433	2.7300
	0.0020	0.3082	0.0007	0.0449	-7.2801	3.9178	-3.1994	-16.5454	256.0000
	0.0030	0.1148	0.0018	0.0424	0.6490	3.1861	2.7951	3.8378	8.9500
	0.0023	0.1617	0.0007	0.0543	-3.0690	4.0338	-0.3160	-6.5252	13.3000
	0.0024	0.2920	0.0008	0.0451	-7.6101	3.6065	-3.4012	-16.8767	21.7000
	0.0014	0.1020	0.0012	0.0244	1.7563	6.7531	1.4366	1.6735	17.8000
	0.0019	0.1123	0.0014	0.0322	2.0345	5.1880	2.7812	3.7964	36.6000

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Table S1 – *Continued from previous page*

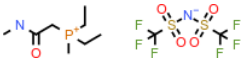
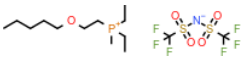
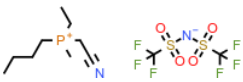
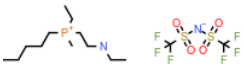
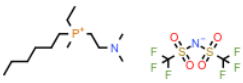
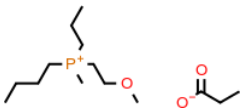
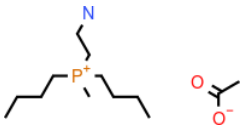
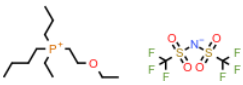
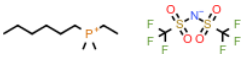
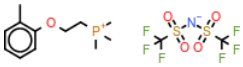
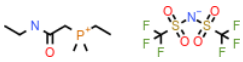
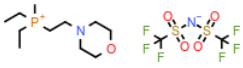
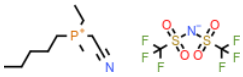
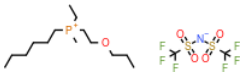
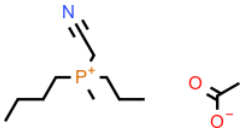
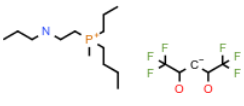
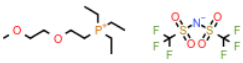
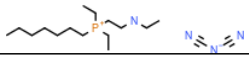
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0014	0.1103	0.0013	0.0276	1.9433	6.6216	1.9754	2.2748	92.7000
	0.0025	0.1130	0.0016	0.0368	1.6992	3.9622	2.9702	4.3441	8.7900
	0.0013	0.0993	0.0011	0.0302	2.5729	7.2897	2.2056	2.6464	69.0000
	0.0025	0.1142	0.0015	0.0391	-1.0117	3.8638	1.8487	0.8463	11.2000
	0.0027	0.1140	0.0017	0.0404	0.3953	3.5129	2.6015	3.2188	8.9600
	0.0022	0.3475	0.0007	0.0283	-9.4392	3.7059	-4.6976	-21.1349	104.0000
	0.0021	0.3172	0.0006	0.0307	-9.3296	3.7682	-4.6255	-20.9955	141.0000
	0.0028	0.1153	0.0018	0.0396	1.6348	3.4488	3.1050	4.7884	7.6000
	0.0023	0.1112	0.0015	0.0363	1.9432	4.1705	3.0892	4.5184	30.4000
	0.0016	0.1130	0.0015	0.0335	2.5331	6.1400	2.7654	3.9169	32.1000
	0.0014	0.1062	0.0013	0.0268	1.9603	6.6269	1.9444	2.1865	69.2000
	0.0020	0.1231	0.0014	0.0351	1.3192	5.0521	2.4595	2.9087	57.9000
	0.0015	0.1003	0.0011	0.0320	2.2856	6.6452	2.2221	2.5899	40.3000
	0.0028	0.1102	0.0017	0.0389	1.5497	3.3808	3.0510	4.6623	3.2600
	0.0013	0.1212	0.0004	0.0209	-6.2728	6.3748	-3.3121	-14.5807	480.0000
	0.0025	0.1325	0.0011	0.0372	-2.9170	3.6229	0.1656	-4.6555	11.1000
	0.0022	0.1238	0.0017	0.0362	1.7872	4.4836	2.8706	4.1449	15.3000
	0.0023	0.1604	0.0007	0.0534	-3.0591	4.0740	-0.3027	-6.4718	11.2000

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Table S1 – *Continued from previous page*

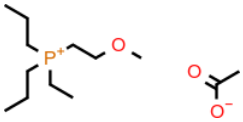
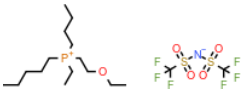
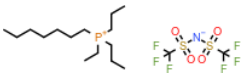
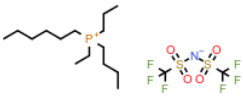
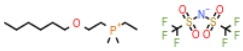
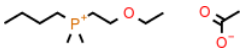
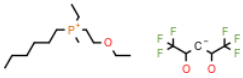
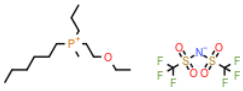
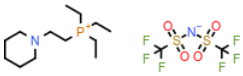
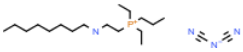
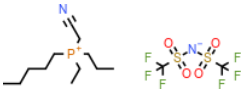
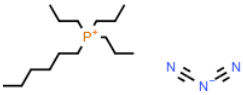
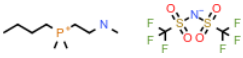
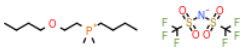
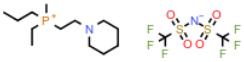
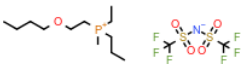
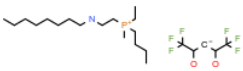
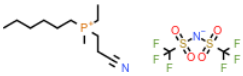
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0023	0.4733	0.0008	0.0331	-9.9459	3.2542	-4.8938	-22.3806	198.0000
	0.0031	0.1118	0.0019	0.0408	1.5502	3.0458	3.1597	5.0431	3.0900
	0.0032	0.1087	0.0018	0.0420	1.6962	2.7423	3.3749	5.5943	5.2000
	0.0033	0.1081	0.0019	0.0428	1.6895	2.5560	3.4442	5.7967	3.6000
	0.0024	0.1101	0.0016	0.0357	1.6986	4.1041	2.9126	4.1661	7.3100
	0.0019	0.2892	0.0006	0.0255	-8.9251	4.1285	-4.4476	-20.1474	212.0000
	0.0025	0.1296	0.0011	0.0347	-2.6124	3.7503	0.3657	-3.9806	8.3900
	0.0029	0.1099	0.0018	0.0392	1.5584	3.3230	3.0744	4.7391	3.2500
	0.0027	0.1173	0.0017	0.0398	0.9021	3.6334	2.7930	3.7646	36.3000
	0.0025	0.1570	0.0008	0.0537	-3.1437	3.7304	-0.2484	-6.2006	3.1700
	0.0018	0.1049	0.0013	0.0367	1.9846	5.5873	2.3826	3.0495	22.9000
	0.0026	0.1879	0.0008	0.0619	-3.3601	3.3205	-0.2274	-6.8490	14.0000
	0.0019	0.1129	0.0013	0.0340	-0.8886	5.1967	1.5267	-0.0967	50.9000
	0.0024	0.1095	0.0016	0.0362	1.6728	4.0116	2.9233	4.2095	7.4500
	0.0027	0.1144	0.0016	0.0395	0.7675	3.6092	2.7565	3.6373	27.9000
	0.0025	0.1129	0.0017	0.0372	1.6975	3.9130	2.9819	4.3955	9.9800
	0.0031	0.1247	0.0012	0.0391	-3.0707	2.8897	0.2905	-4.0496	0.8970
	0.0017	0.1067	0.0012	0.0348	2.0208	6.0347	2.4011	2.9207	13.6000
	0.0025	0.1158	0.0016	0.0397	-0.7384	3.8082	1.9991	1.3077	13.2000

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Table S1 – *Continued from previous page*

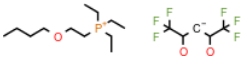
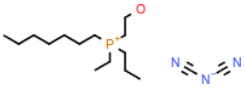
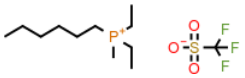
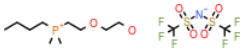
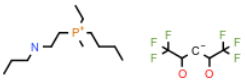
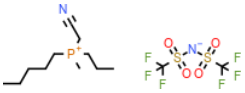
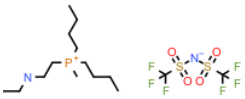
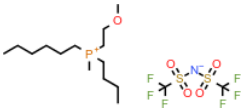
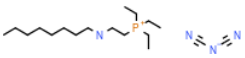
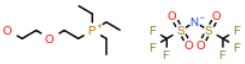
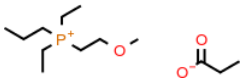
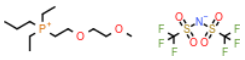
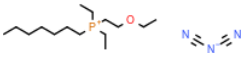
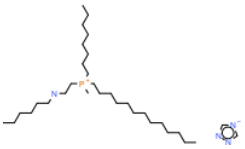
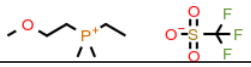
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1395	0.0011	0.0337	-2.5336	4.2252	0.2649	-4.4042	31.9000
	0.0024	0.1412	0.0011	0.0348	-2.6359	3.9439	0.2880	-4.3418	19.6000
	0.0018	0.1210	0.0007	0.0385	-1.8498	5.1896	-0.1333	-4.5786	22.9000
	0.0019	0.1477	0.0009	0.0324	-0.2568	4.7095	1.3183	-1.3194	100.0000
	0.0019	0.1162	0.0016	0.0354	2.4079	5.6210	2.8498	4.1992	25.6000
	0.0017	0.1082	0.0014	0.0292	1.6646	5.7823	1.8123	2.3054	41.7000
	0.0023	0.1331	0.0010	0.0357	-2.8499	4.0104	0.1096	-4.8393	20.1000
	0.0024	0.1340	0.0010	0.0362	-2.8226	3.9232	0.1357	-4.7752	20.0000
	0.0017	0.1010	0.0012	0.0343	2.0483	6.0164	2.2706	2.6824	23.9000
	0.0027	0.1149	0.0016	0.0406	-1.4800	3.5488	1.7225	0.4751	8.3600
	0.0028	0.1097	0.0017	0.0392	1.5854	3.3739	3.0718	4.7290	3.3700
	0.0024	0.1571	0.0007	0.0522	-3.1050	3.9801	-0.2864	-6.3268	5.4300
	0.0019	0.1147	0.0016	0.0318	1.6190	5.1487	1.6097	2.3177	53.4000
	0.0023	0.4709	0.0008	0.0322	-10.0348	3.3792	-4.9741	-22.6407	252.0000
	0.0024	0.1216	0.0018	0.0372	1.6548	4.1749	2.8851	4.1949	10.0000
	0.0023	0.1640	0.0008	0.0513	-2.7981	4.0811	-0.1306	-5.9731	9.8600
	0.0039	0.2389	0.0010	0.0509	-7.6094	2.1071	-3.0185	-14.7943	0.0008
	0.0009	0.1237	0.0006	0.0214	1.1041	7.8034	1.0763	-1.1027	630.0000

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Table S1 – *Continued from previous page*

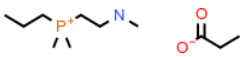
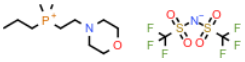
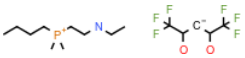
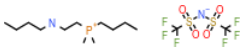
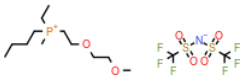
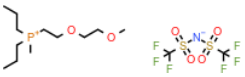
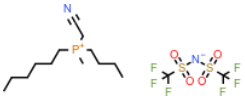
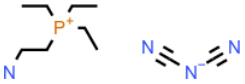
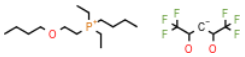
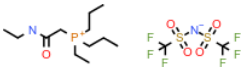
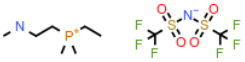
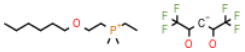
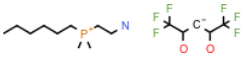
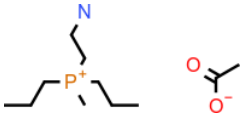
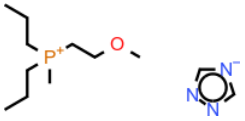
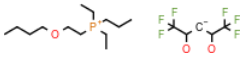
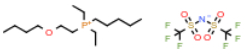
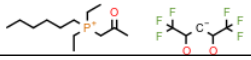
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0021	0.3626	0.0006	0.0281	-9.6311	3.6340	-4.7821	-21.7627	523.0000
	0.0019	0.1179	0.0014	0.0342	1.1903	5.0787	2.3834	2.6873	42.6000
	0.0019	0.1263	0.0009	0.0324	-2.6100	4.8043	0.0461	-5.0098	52.5000
	0.0025	0.1114	0.0015	0.0380	-1.1718	3.9664	1.7375	0.4947	8.3200
	0.0023	0.1200	0.0017	0.0366	1.7196	4.3196	2.8453	4.1251	21.0000
	0.0023	0.1198	0.0017	0.0365	1.7758	4.3980	2.8404	4.1437	24.4000
	0.0020	0.1011	0.0013	0.0368	1.7551	5.2314	2.3377	2.8086	9.5400
	0.0017	0.1977	0.0006	0.0601	-3.1296	4.7718	-0.5076	-8.0513	872.0000
	0.0027	0.1375	0.0012	0.0367	-2.7866	3.3877	0.3501	-4.0613	6.9300
	0.0022	0.1141	0.0016	0.0345	1.3697	4.6413	2.2355	2.9205	21.5000
	0.0015	0.1138	0.0012	0.0307	-0.3794	6.2024	1.4856	-0.1339	121.0000
	0.0022	0.1222	0.0010	0.0322	-2.3966	4.2357	0.3788	-3.9255	11.2000
	0.0017	0.1175	0.0008	0.0311	-2.9671	5.2917	-0.2773	-5.9721	47.5000
	0.0020	0.3430	0.0006	0.0322	-9.6303	3.5206	-4.6729	-21.5829	504.0000
	0.0018	0.2568	0.0006	0.0384	-7.2407	4.4910	-3.3567	-16.7679	367.0000
	0.0023	0.1002	0.0015	0.0327	1.0102	4.3289	1.2501	1.7152	7.3800
	0.0025	0.1386	0.0012	0.0357	-2.7076	3.6733	0.3187	-4.1984	12.5000
	0.0031	0.1121	0.0018	0.0406	1.5763	3.0603	3.1778	5.0744	2.7300
	0.0024	0.1302	0.0012	0.0331	-2.4281	4.0511	0.3704	-3.8028	15.5000

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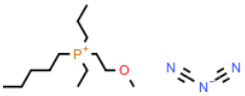
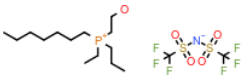
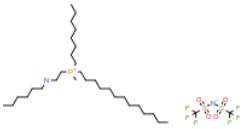
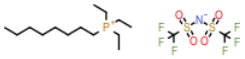
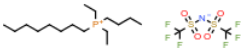
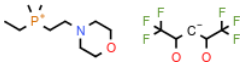
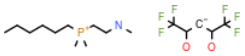
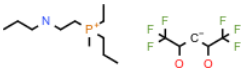
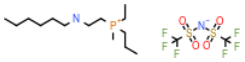
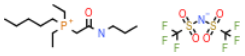
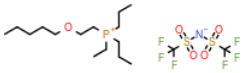
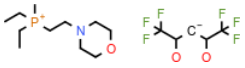
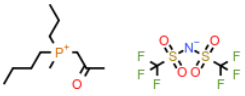
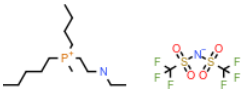
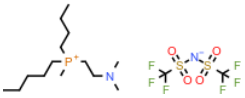
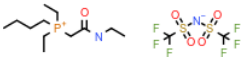
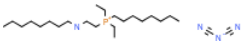
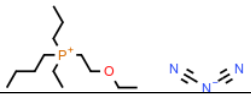
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1646	0.0007	0.0497	-2.6612	4.6209	-0.2167	-6.2616	42.0000
	0.0025	0.1043	0.0016	0.0346	1.0190	3.9123	1.5287	2.2763	6.4800
	0.0049	0.0937	0.0019	0.0466	-1.5826	1.3671	2.2487	3.0100	0.0003
	0.0030	0.1124	0.0018	0.0412	1.7390	3.0039	3.3245	5.3777	8.6400
	0.0035	0.1067	0.0019	0.0428	1.6835	2.4587	3.4617	5.9010	2.0000
	0.0016	0.1302	0.0008	0.0291	-1.8467	5.7842	0.1759	-4.3892	134.0000
	0.0020	0.1210	0.0009	0.0327	-2.6341	4.5697	0.0861	-4.8069	26.9000
	0.0021	0.1318	0.0010	0.0344	-2.6466	4.3798	0.1151	-4.8134	37.1000
	0.0028	0.1119	0.0016	0.0402	-1.4491	3.4170	1.7496	0.6207	3.8700
	0.0026	0.1122	0.0017	0.0367	1.1233	3.8960	2.3158	3.1747	5.5500
	0.0031	0.1119	0.0019	0.0408	1.5507	3.0152	3.1781	5.0796	2.5500
	0.0016	0.1068	0.0013	0.0268	1.5024	6.1014	1.4791	1.7885	12.1000
	0.0018	0.1382	0.0009	0.0316	-2.1149	5.2011	0.1827	-4.4593	94.1000
	0.0021	0.1141	0.0016	0.0336	1.9631	4.7524	2.8133	4.0327	27.8000
	0.0029	0.1118	0.0016	0.0414	-1.3024	3.2272	1.8804	1.0061	3.5200
	0.0030	0.1113	0.0017	0.0418	0.4205	3.1401	2.7182	3.5939	4.9900
	0.0023	0.1143	0.0016	0.0346	1.3092	4.5087	2.2546	2.9384	15.3000
	0.0032	0.1518	0.0009	0.0565	-3.4039	2.8685	-0.1392	-5.6361	0.1180
	0.0020	0.1706	0.0008	0.0515	-2.7926	4.3844	-0.2150	-6.3820	32.6000

Continued on next page

Table S1 – *Continued from previous page*

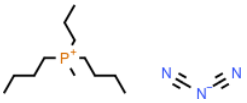
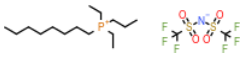
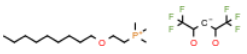
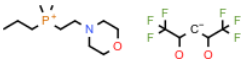
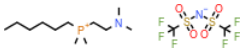
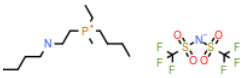
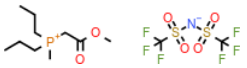
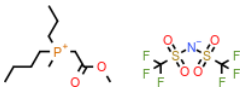
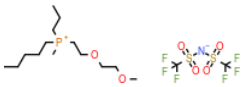
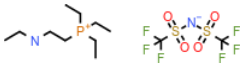
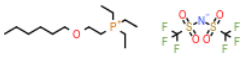
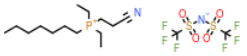
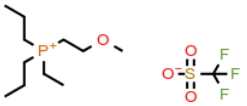
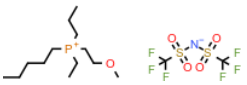
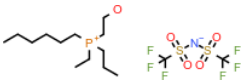
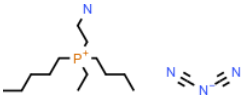
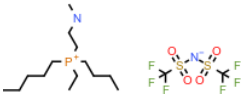
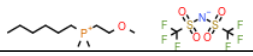
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1697	0.0007	0.0536	-2.9561	4.3060	-0.2812	-6.8518	72.2000
	0.0033	0.1091	0.0019	0.0423	1.7043	2.6467	3.4250	5.7262	3.5000
	0.0025	0.1140	0.0011	0.0329	-2.4555	3.8243	0.4792	-3.5207	2.9500
	0.0018	0.1287	0.0009	0.0307	-2.0480	5.2342	0.2180	-4.2841	68.7000
	0.0025	0.1114	0.0016	0.0386	0.6052	3.8520	2.5901	3.1399	12.5000
	0.0027	0.1138	0.0016	0.0401	-1.1660	3.5939	1.8539	0.8830	6.4500
	0.0020	0.1153	0.0018	0.0315	2.1085	4.9184	2.8253	4.2211	30.5000
	0.0022	0.1137	0.0018	0.0330	1.9726	4.4866	2.8795	4.3442	17.4000
	0.0031	0.1144	0.0019	0.0414	1.5747	3.0039	3.2127	5.1548	4.0000
	0.0022	0.1227	0.0015	0.0378	-0.8391	4.4999	1.7759	0.6304	44.6000
	0.0029	0.1146	0.0018	0.0396	1.6410	3.3162	3.1450	4.9242	4.2300
	0.0020	0.1105	0.0013	0.0385	1.7581	5.1692	2.5110	3.2274	6.7400
	0.0017	0.1520	0.0010	0.0317	-0.0786	5.1164	1.2611	-1.2485	112.0000
	0.0027	0.1152	0.0018	0.0391	1.6677	3.6187	3.0589	4.6683	9.7400
	0.0027	0.1040	0.0017	0.0357	1.1353	3.5430	1.5627	2.4933	10.3000
	0.0019	0.1551	0.0006	0.0517	-3.4513	4.8372	-0.7124	-7.7696	46.2000
	0.0029	0.1142	0.0017	0.0417	-1.2795	3.3465	1.8194	0.8676	6.4100
	0.0015	0.1104	0.0012	0.0299	-0.2587	6.2433	1.5766	0.1256	99.3000
	0.0022	0.1110	0.0015	0.0348	1.8230	4.4586	2.8718	4.0653	14.6000

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Table S1 – *Continued from previous page*

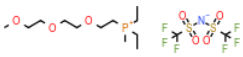
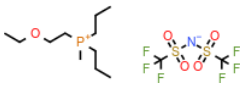
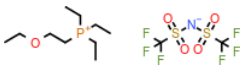
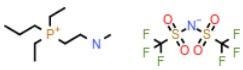
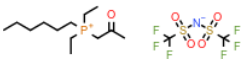
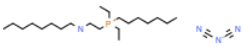
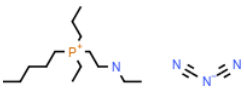
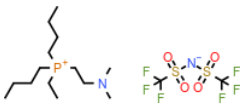
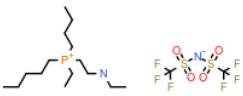
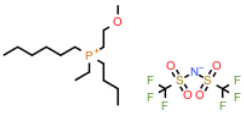
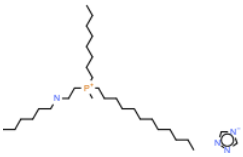
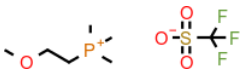
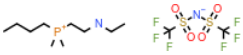
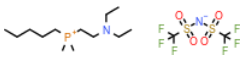
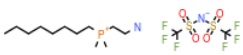
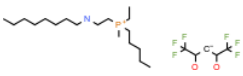
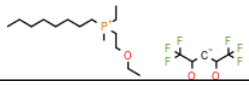
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1198	0.0017	0.0351	1.6733	4.5276	2.7431	3.8717	4.3100
	0.0023	0.1147	0.0017	0.0366	1.7695	4.1620	2.9519	4.2964	17.5000
	0.0022	0.1220	0.0017	0.0361	1.9489	4.4875	2.9804	4.3696	36.4000
	0.0021	0.1212	0.0015	0.0377	-0.9487	4.5854	1.6625	0.3083	50.6000
	0.0025	0.1155	0.0018	0.0366	1.7634	3.9449	2.9581	4.4696	10.3000
	0.0030	0.1527	0.0009	0.0560	-3.3332	3.0206	-0.1473	-5.7143	0.2300
	0.0021	0.1617	0.0007	0.0531	-2.9818	4.3094	-0.3436	-6.6261	25.8000
	0.0030	0.1151	0.0018	0.0430	0.4643	3.0595	2.7605	3.7100	6.7400
	0.0031	0.1128	0.0017	0.0425	-1.0587	3.0646	2.0228	1.5229	3.6100
	0.0031	0.1116	0.0018	0.0410	1.5488	3.0205	3.1779	5.0755	2.4900
	0.0038	0.2355	0.0009	0.0501	-7.5676	2.2149	-3.0139	-14.7942	0.0016
	0.0014	0.1491	0.0005	0.0434	-2.2954	5.7953	-0.3453	-6.7113	433.0000
	0.0007	0.1099	0.0005	0.0179	1.7060	9.0085	1.0264	-0.8205	982.0000
	0.0021	0.1143	0.0014	0.0360	-1.0167	4.6686	1.6620	0.2676	32.4000
	0.0027	0.1115	0.0016	0.0386	-2.1865	3.5077	1.3796	-0.4469	8.9700
	0.0022	0.1095	0.0013	0.0371	-2.4669	4.3973	0.8240	-2.3735	9.7200
	0.0033	0.1241	0.0012	0.0396	-3.1193	2.7051	0.3149	-3.9256	0.4930
	0.0028	0.1262	0.0012	0.0360	-2.7140	3.3047	0.4307	-3.6911	2.6600

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Table S1 – *Continued from previous page*

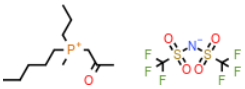
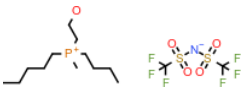
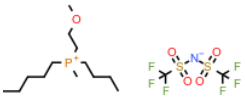
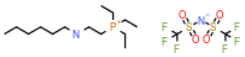
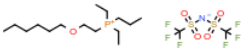
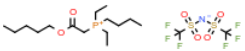
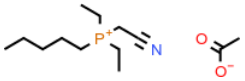
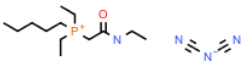
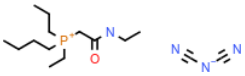
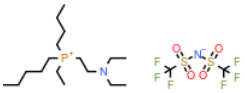
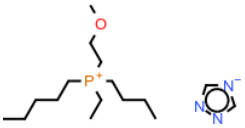
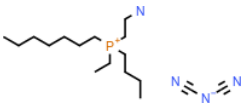
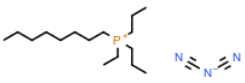
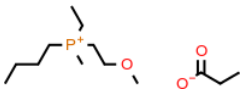
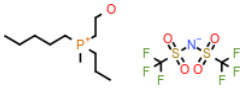
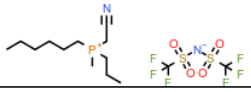
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0023	0.1127	0.0017	0.0346	1.8199	4.3685	2.8416	4.1266	14.9000
	0.0021	0.1012	0.0015	0.0318	1.1145	4.6279	1.2307	1.6188	12.6000
	0.0027	0.1111	0.0017	0.0384	1.6398	3.6159	3.0300	4.5809	5.8700
	0.0029	0.1159	0.0017	0.0412	-1.3972	3.3482	1.8155	0.8264	4.9800
	0.0023	0.5110	0.0008	0.0343	-10.2360	3.0020	-4.9262	-22.9205	495.0000
	0.0030	0.1123	0.0018	0.0404	1.5854	3.1025	3.1686	5.0441	2.7200
	0.0030	0.1113	0.0020	0.0381	1.6978	3.1822	3.1082	5.1280	3.0700
	0.0015	0.1616	0.0005	0.0245	-6.9526	5.6588	-3.5711	-15.8719	293.0000
	0.0017	0.1312	0.0007	0.0396	-1.7989	5.5504	-0.1604	-4.9165	39.9000
	0.0017	0.1325	0.0007	0.0403	-1.8556	5.4816	-0.1682	-4.9983	43.1000
	0.0035	0.1128	0.0019	0.0433	-2.8678	2.4762	1.2997	-0.4692	2.2800
	0.0022	0.2897	0.0007	0.0442	-7.5582	3.7936	-3.4106	-16.9359	42.7000
	0.0021	0.1511	0.0007	0.0521	-3.6288	4.4374	-0.6771	-7.5642	13.8000
	0.0026	0.1779	0.0008	0.0592	-3.2470	3.3289	-0.1677	-6.4733	7.6800
	0.0021	0.3520	0.0007	0.0280	-9.4321	3.8276	-4.7006	-21.2422	189.0000
	0.0020	0.1035	0.0015	0.0311	1.2629	4.8591	1.4467	1.8720	20.5000
	0.0018	0.1012	0.0012	0.0353	1.9069	5.6665	2.2959	2.7100	16.2000

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Table S1 – *Continued from previous page*

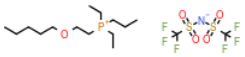
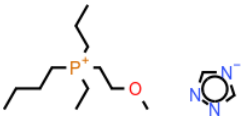
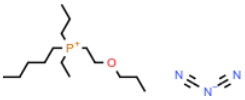
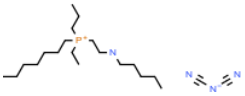
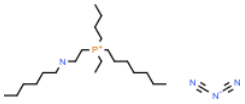
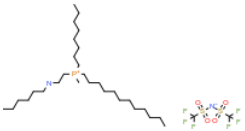
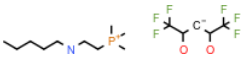
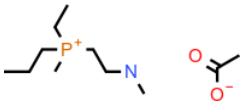
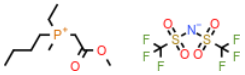
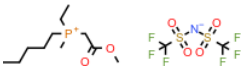
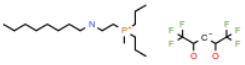
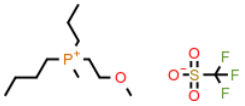
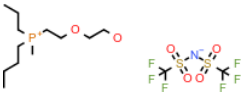
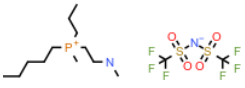
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1124	0.0018	0.0399	1.5913	3.2478	3.1274	4.8916	3.9700
	0.0021	0.3223	0.0007	0.0458	-7.7856	3.8013	-3.5305	-17.6795	116.0000
	0.0023	0.1655	0.0008	0.0526	-2.8663	3.9804	-0.1454	-6.0656	10.5000
	0.0028	0.1555	0.0008	0.0562	-3.1851	3.2812	-0.1582	-5.8722	0.9480
	0.0031	0.1536	0.0009	0.0572	-3.2986	2.9389	-0.1234	-5.6729	0.2530
	0.0048	0.0943	0.0019	0.0464	-1.3485	1.4523	2.3574	3.2814	0.0006
	0.0025	0.1097	0.0016	0.0372	1.8579	3.8617	3.1279	4.6534	18.1000
	0.0018	0.1166	0.0008	0.0305	-2.4482	5.0605	0.0894	-4.8308	34.7000
	0.0023	0.4968	0.0007	0.0332	-10.1348	3.0716	-4.9647	-22.8858	528.0000
	0.0020	0.1154	0.0018	0.0315	2.1086	4.8956	2.8415	4.2368	27.3000
	0.0022	0.1144	0.0018	0.0325	1.9912	4.5729	2.8626	4.3027	17.1000
	0.0031	0.1248	0.0012	0.0389	-3.1042	2.8849	0.2726	-4.1100	0.9300
	0.0017	0.1381	0.0009	0.0299	0.0215	5.2457	1.2720	-1.0866	72.1000
	0.0021	0.1090	0.0016	0.0328	1.2556	4.7326	1.5742	2.2347	16.0000
	0.0025	0.1143	0.0015	0.0390	-1.4820	3.9064	1.5732	0.0229	11.9000
	0.0019	0.1067	0.0013	0.0368	1.8171	5.5039	2.4381	2.9871	7.8800

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Table S1 – *Continued from previous page*

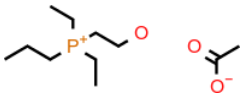
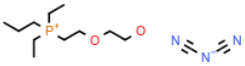
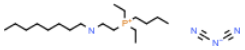
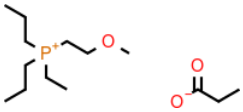
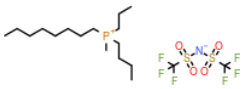
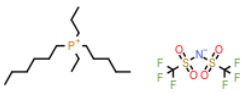
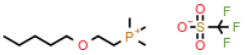
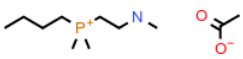
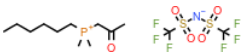
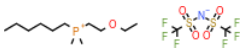
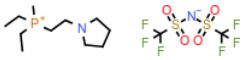
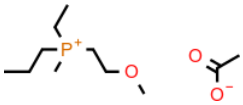
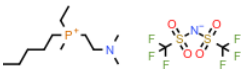
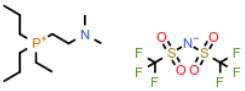
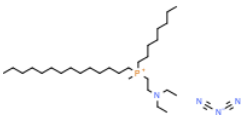
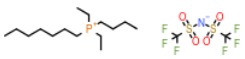
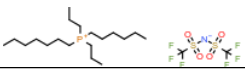
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0019	0.3074	0.0007	0.0266	-8.2780	3.8282	-3.8645	-18.4377	407.0000
	0.0014	0.1298	0.0006	0.0350	-1.5067	6.2624	-0.2460	-4.9250	89.4000
	0.0027	0.1560	0.0008	0.0546	-3.1874	3.5106	-0.2130	-6.0489	1.6400
	0.0023	0.4416	0.0008	0.0316	-9.8836	3.4116	-4.9143	-22.2238	156.0000
	0.0034	0.1034	0.0018	0.0419	1.6553	2.5492	3.3945	5.7108	1.6800
	0.0035	0.1062	0.0019	0.0431	1.6750	2.4250	3.4637	5.9223	2.1800
	0.0013	0.1157	0.0007	0.0240	0.5580	6.3826	1.2173	-0.8765	83.4000
	0.0019	0.2841	0.0006	0.0270	-8.9902	4.0893	-4.4496	-20.2845	480.0000
	0.0020	0.1103	0.0015	0.0320	1.9603	4.9469	2.7348	3.7867	21.6000
	0.0024	0.1096	0.0016	0.0361	1.6997	4.0500	2.9219	4.2175	8.1900
	0.0026	0.1173	0.0017	0.0394	1.8523	3.6082	3.2220	4.9493	64.9000
	0.0021	0.3930	0.0007	0.0302	-9.6862	3.4943	-4.7128	-21.7550	454.0000
	0.0026	0.1144	0.0016	0.0397	0.6825	3.7461	2.6677	3.3752	15.9000
	0.0026	0.1191	0.0017	0.0409	0.6093	3.7027	2.6577	3.3361	26.5000
	0.0041	0.1428	0.0011	0.0573	-3.9794	1.9553	-0.1266	-5.1773	0.0014
	0.0028	0.1068	0.0017	0.0391	1.7343	3.2944	3.2169	5.0058	7.1000
	0.0033	0.1092	0.0019	0.0421	1.6999	2.7151	3.3892	5.6361	4.5600
	0.0038	0.1010	0.0019	0.0439	1.6481	2.0753	3.5220	6.2922	0.6200

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Table S1 – *Continued from previous page*

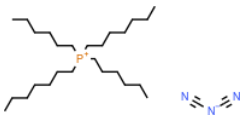
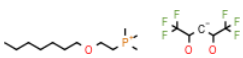
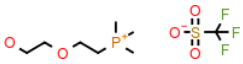
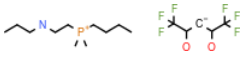
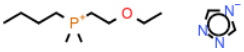
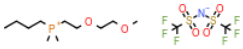
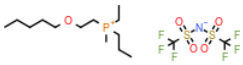
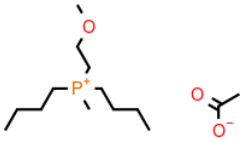
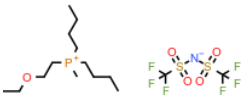
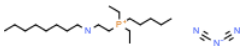
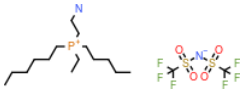
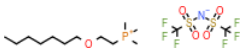
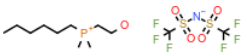
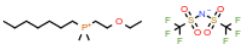
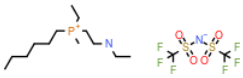
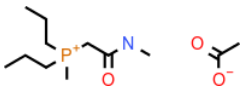
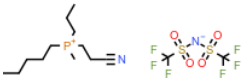
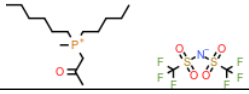
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0039	0.1590	0.0011	0.0629	-3.3568	1.9640	0.1233	-4.9535	0.0163
	0.0022	0.1150	0.0010	0.0311	-2.2964	4.3779	0.4160	-3.7768	9.3600
	0.0006	0.0892	0.0005	0.0140	2.1156	9.7892	0.5802	-0.5201	420.0000
	0.0021	0.1264	0.0009	0.0335	-2.6628	4.4671	0.1062	-4.8232	31.2000
	0.0016	0.2066	0.0006	0.0329	-6.7014	5.0454	-3.1816	-15.7450	292.0000
	0.0021	0.1143	0.0016	0.0339	1.7302	4.7358	2.7223	3.7421	10.1000
	0.0026	0.1115	0.0017	0.0379	1.6170	3.6593	3.0099	4.4973	5.5700
	0.0022	0.3631	0.0007	0.0294	-9.4178	3.5989	-4.6711	-21.1144	70.1000
	0.0027	0.1112	0.0017	0.0386	1.5982	3.5459	3.0345	4.5867	5.7400
	0.0028	0.1554	0.0008	0.0554	-3.2488	3.3082	-0.1884	-5.9523	0.8020
	0.0029	0.1145	0.0016	0.0426	-2.9138	3.2830	0.8558	-2.2400	2.8200
	0.0023	0.1069	0.0015	0.0346	1.7045	4.2413	2.8555	3.9755	6.1700
	0.0017	0.1222	0.0009	0.0287	-2.0143	5.3382	0.2782	-4.2265	62.0000
	0.0017	0.1002	0.0013	0.0284	1.4466	5.4973	1.4040	1.6152	29.4000
	0.0026	0.1085	0.0016	0.0370	1.6004	3.7518	2.9607	4.3431	4.3200
	0.0027	0.1145	0.0016	0.0401	-1.1136	3.5953	1.8963	1.0254	7.4100
	0.0017	0.2142	0.0006	0.0231	-7.4904	4.8582	-3.7478	-16.9526	202.0000
	0.0017	0.1067	0.0012	0.0354	1.9806	5.9281	2.4055	2.9379	13.6000
	0.0028	0.1088	0.0018	0.0373	1.6183	3.5568	2.9469	4.5091	3.2800

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Table S1 – *Continued from previous page*

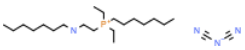
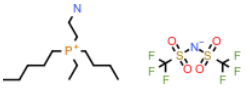
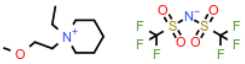
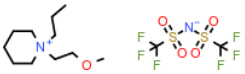
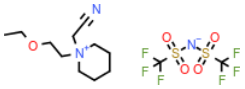
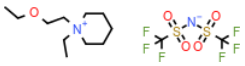
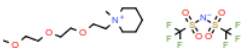
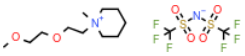
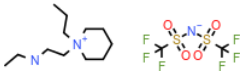
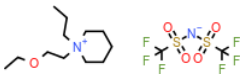
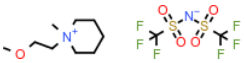
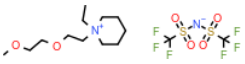
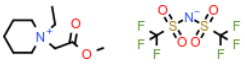
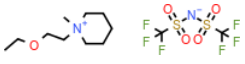
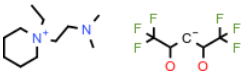
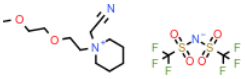
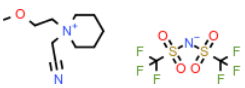
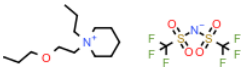
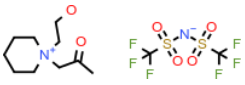
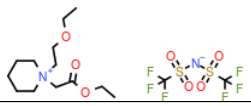
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0030	0.1558	0.0009	0.0570	-3.2882	3.0525	-0.1384	-5.8059	0.3980
	0.0025	0.1159	0.0015	0.0409	-2.5415	3.8315	0.9068	-2.0871	10.6000
	0.0017	0.1161	0.0015	0.0318	2.2782	5.4992	2.8319	4.0103	132.0000
	0.0020	0.1153	0.0016	0.0341	2.0618	4.8175	2.9133	4.2001	81.8000
	0.0015	0.1021	0.0012	0.0325	2.3993	6.5347	2.2952	3.0082	90.2000
	0.0020	0.1182	0.0016	0.0345	2.0721	4.8139	2.9378	4.2308	107.0000
	0.0021	0.1152	0.0016	0.0330	1.7685	4.8725	2.6697	3.6865	9.9500
	0.0020	0.1188	0.0016	0.0338	1.9631	4.8737	2.8471	4.0648	78.7000
	0.0024	0.1146	0.0016	0.0388	1.8929	3.9216	3.1137	4.6879	78.5000
	0.0022	0.1169	0.0016	0.0359	1.9461	4.4103	2.9734	4.3493	80.0000
	0.0015	0.1108	0.0013	0.0290	2.4662	6.1502	2.7185	3.7370	167.0000
	0.0022	0.1228	0.0017	0.0363	1.8439	4.3958	2.9502	4.3207	68.8000
	0.0017	0.1173	0.0017	0.0286	2.4083	5.6435	2.7692	4.1563	116.0000
	0.0017	0.1147	0.0014	0.0317	2.2561	5.4465	2.8234	3.9468	152.0000
	0.0019	0.1411	0.0009	0.0335	-2.4565	4.7169	0.1457	-4.8676	192.0000
	0.0015	0.1062	0.0013	0.0328	2.3979	6.5129	2.2473	3.1011	89.2000
	0.0012	0.0992	0.0011	0.0293	2.7500	7.4831	2.1728	2.8588	155.0000
	0.0026	0.1142	0.0017	0.0383	1.8232	3.6723	3.1459	4.8339	37.2000
	0.0013	0.1006	0.0013	0.0232	2.1706	7.0303	1.1644	1.4663	194.0000
	0.0024	0.1172	0.0020	0.0340	1.9447	4.1298	2.9514	4.6855	27.6000

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Table S1 – *Continued from previous page*

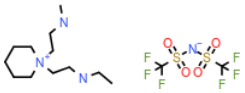
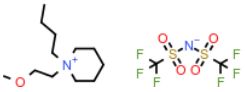
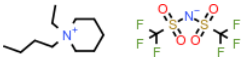
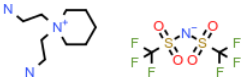
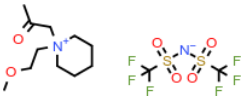
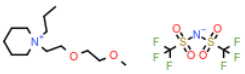
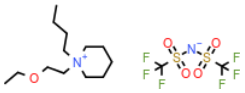
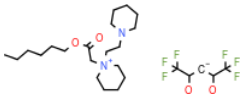
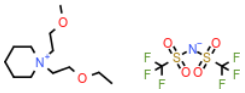
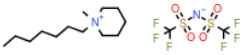
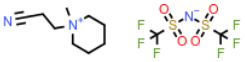
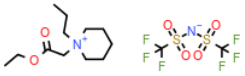
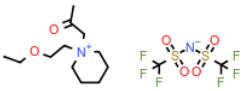
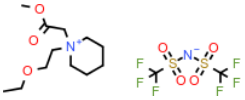
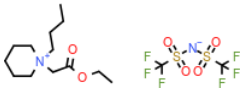
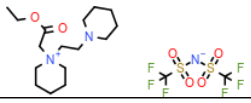
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0023	0.1143	0.0015	0.0384	-0.4164	4.2760	2.0167	1.4311	48.5000
	0.0022	0.1160	0.0016	0.0357	1.9398	4.4282	2.9660	4.3345	62.2000
	0.0022	0.1169	0.0016	0.0368	2.0135	4.2551	3.1279	4.6058	102.0000
	0.0016	0.1034	0.0012	0.0350	1.8493	5.7603	2.5751	3.2085	238.0000
	0.0016	0.1161	0.0015	0.0286	2.3519	6.0191	2.5737	3.6791	102.0000
	0.0025	0.1191	0.0018	0.0382	1.7407	3.8024	3.0685	4.6808	28.1000
	0.0024	0.1152	0.0017	0.0372	1.8121	3.9874	3.0259	4.5104	40.7000
	0.0017	0.1149	0.0014	0.0323	2.3382	5.4188	2.9265	4.0983	251.0000
	0.0033	0.1253	0.0015	0.0363	-2.7697	2.6249	0.5156	-2.9639	3.9300
	0.0022	0.1175	0.0017	0.0347	1.9821	4.5706	2.9170	4.3104	63.2000
	0.0025	0.1090	0.0016	0.0373	1.8295	3.7724	3.1271	4.6659	31.2000
	0.0008	0.0925	0.0008	0.0231	3.3836	9.3848	2.0781	2.6301	219.0000
	0.0021	0.1147	0.0018	0.0323	2.0385	4.6189	2.8466	4.3099	58.6000
	0.0019	0.1173	0.0016	0.0319	2.1294	5.2849	2.6972	3.8519	67.2000
	0.0022	0.1178	0.0019	0.0321	2.0775	4.5993	2.8916	4.5187	43.7000
	0.0024	0.1145	0.0019	0.0341	1.9180	4.1425	2.9442	4.5554	26.4000
	0.0029	0.1151	0.0021	0.0373	1.7313	3.2949	3.0793	5.0546	26.1000

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Table S1 – *Continued from previous page*

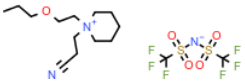
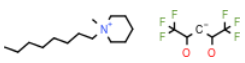
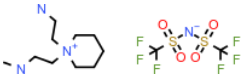
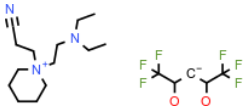
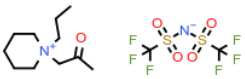
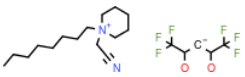
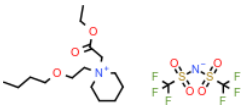
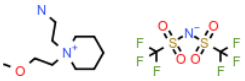
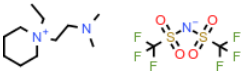
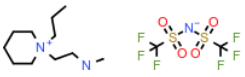
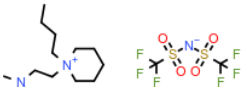
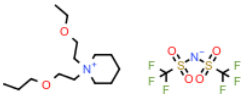
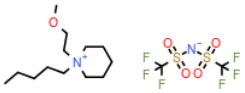
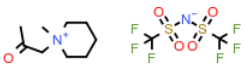
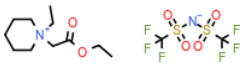
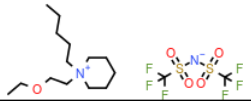
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0016	0.1056	0.0012	0.0328	2.1602	6.3737	2.2849	2.8313	35.7000
	0.0025	0.1269	0.0010	0.0345	-2.7530	3.6195	0.3313	-4.2824	26.7000
	0.0023	0.1164	0.0017	0.0368	1.9450	4.0920	3.0943	4.6547	61.5000
	0.0018	0.1093	0.0012	0.0357	-0.1138	5.4157	1.7907	0.7996	136.0000
	0.0016	0.1034	0.0008	0.0316	-1.3745	5.9882	0.4094	-3.0869	36.6000
	0.0017	0.1135	0.0015	0.0303	2.1962	5.5107	2.6520	3.7232	113.0000
	0.0020	0.0970	0.0009	0.0348	-1.7227	4.8561	0.5617	-2.6715	16.1000
	0.0028	0.1135	0.0021	0.0360	1.7903	3.5370	3.0429	4.9660	9.5100
	0.0015	0.1123	0.0012	0.0310	-1.1358	6.2787	0.9856	-1.4783	139.0000
	0.0021	0.1200	0.0015	0.0370	1.1435	4.5923	2.6642	3.3151	114.0000
	0.0022	0.1135	0.0016	0.0374	1.9731	4.2514	3.0605	4.5002	115.0000
	0.0024	0.1125	0.0016	0.0387	1.8538	3.8756	3.0920	4.6393	64.8000
	0.0028	0.1139	0.0018	0.0390	1.7849	3.4032	3.1921	5.0637	18.2000
	0.0024	0.1155	0.0017	0.0373	1.8385	3.9739	3.0606	4.5996	39.2000
	0.0013	0.1100	0.0013	0.0255	2.7271	6.9345	2.5267	3.5034	230.0000
	0.0020	0.1177	0.0018	0.0311	2.1926	5.0095	2.8482	4.2849	74.0000
	0.0026	0.1135	0.0017	0.0383	1.7517	3.6574	3.1001	4.7381	24.1000

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Table S1 – *Continued from previous page*

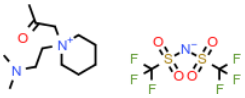
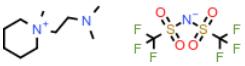
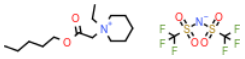
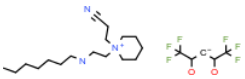
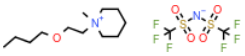
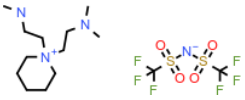
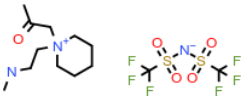
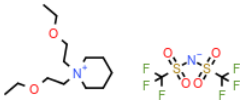
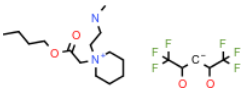
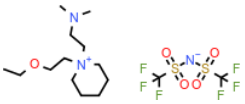
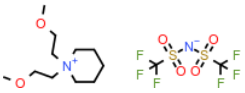
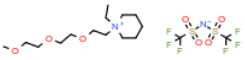
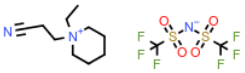
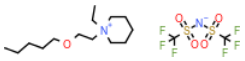
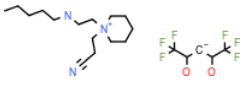
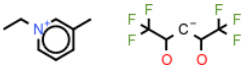
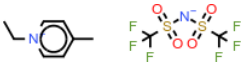
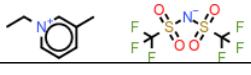
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1172	0.0017	0.0328	2.0161	4.8603	2.7482	3.9890	66.4000
	0.0018	0.1141	0.0014	0.0338	1.2612	5.2474	2.5118	2.9336	158.0000
	0.0025	0.1126	0.0019	0.0345	1.8268	3.9087	2.9416	4.5664	15.0000
	0.0020	0.1008	0.0009	0.0348	-1.8315	5.1263	0.4032	-3.1812	4.7300
	0.0023	0.1119	0.0016	0.0356	1.9347	4.2117	3.0256	4.4513	45.1000
	0.0024	0.1146	0.0016	0.0391	0.9707	4.1157	2.6642	3.4072	55.5000
	0.0018	0.1135	0.0015	0.0319	2.1792	5.3537	2.7012	3.8668	97.7000
	0.0022	0.1125	0.0017	0.0345	1.8397	4.4054	2.8541	4.1790	18.9000
	0.0022	0.1156	0.0011	0.0308	-2.2133	4.4625	0.3091	-3.5160	29.3000
	0.0027	0.1182	0.0018	0.0393	1.8312	3.5890	3.1714	4.9618	44.8000
	0.0018	0.1179	0.0016	0.0318	2.1589	5.3507	2.7542	3.9421	96.8000
	0.0027	0.1238	0.0019	0.0391	1.6377	3.6629	3.0436	4.6712	37.4000
	0.0010	0.1000	0.0009	0.0267	3.0145	8.3877	2.1859	2.8190	162.0000
	0.0027	0.1126	0.0017	0.0386	1.7910	3.4852	3.1823	4.9646	20.8000
	0.0017	0.1010	0.0008	0.0329	-1.6204	5.7904	0.3310	-3.3899	14.2000
	0.0013	0.1340	0.0009	0.0255	-1.4094	6.6457	0.2210	-4.1887	478.0000
	0.0014	0.1265	0.0015	0.0286	2.7411	6.5834	2.6961	3.8053	240.0000
	0.0014	0.1263	0.0015	0.0285	2.7499	6.6175	2.6896	3.7823	245.0000

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Table S1 – *Continued from previous page*

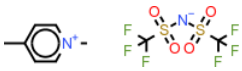
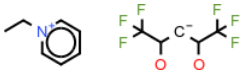
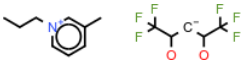
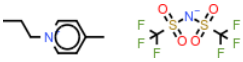
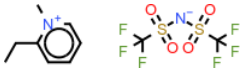
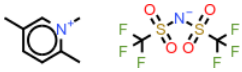
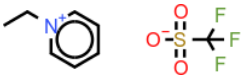
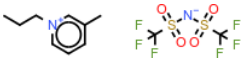
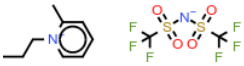
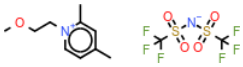
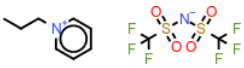
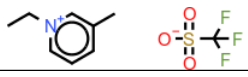
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0011	0.1227	0.0014	0.0250	3.1626	7.7090	2.5874	3.6420	343.0000
	0.0010	0.1225	0.0008	0.0214	-0.8105	7.9071	0.2226	-3.9596	734.0000
	0.0011	0.1211	0.0013	0.0240	3.1815	7.8682	2.5304	3.5044	359.0000
	0.0014	0.1251	0.0016	0.0279	2.6661	6.7223	2.5631	3.6051	156.0000
	0.0014	0.1298	0.0015	0.0282	2.9326	6.9005	2.7565	4.0108	284.0000
	0.0011	0.1225	0.0014	0.0249	3.1584	7.7104	2.5851	3.6261	339.0000
	0.0016	0.1347	0.0010	0.0278	-1.7460	5.8396	0.2591	-4.1596	287.0000
	0.0017	0.1257	0.0016	0.0311	2.4341	5.7995	2.7575	3.8814	154.0000
	0.0013	0.1268	0.0015	0.0276	2.9387	7.0247	2.7037	3.8725	283.0000
	0.0014	0.1290	0.0015	0.0291	2.8548	6.6882	2.7838	4.0339	257.0000
	0.0006	0.1227	0.0006	0.0153	2.4764	10.4450	0.9394	-0.4131	2900.0000
	0.0020	0.1533	0.0012	0.0328	-2.3150	4.7735	0.2327	-4.5100	145.0000
	0.0018	0.1337	0.0010	0.0294	-1.9681	5.2721	0.2987	-4.0808	169.0000
	0.0017	0.1256	0.0016	0.0310	2.4372	5.8148	2.7543	3.8681	156.0000
	0.0016	0.1291	0.0016	0.0308	2.5950	6.0565	2.8249	4.0740	188.0000
	0.0019	0.1289	0.0018	0.0331	2.3780	5.3320	2.9095	4.3678	97.8000
	0.0018	0.1338	0.0010	0.0294	-1.9672	5.2856	0.2955	-4.0994	173.0000
	0.0014	0.1221	0.0015	0.0269	2.7614	6.8694	2.5958	3.5152	234.0000
	0.0014	0.1196	0.0015	0.0263	2.5822	6.7577	2.4709	3.2908	107.0000
	0.0016	0.1263	0.0017	0.0292	2.6556	6.2712	2.7587	4.0234	154.0000
	0.0009	0.1476	0.0007	0.0212	1.3370	8.2602	1.0065	-1.1124	1640.0000

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Table S1 – *Continued from previous page*

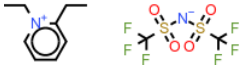
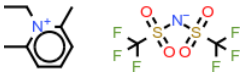
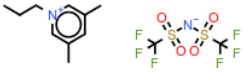
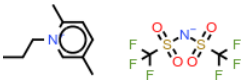
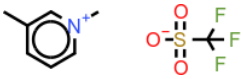
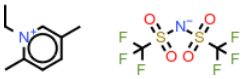
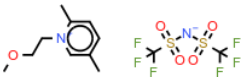
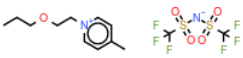
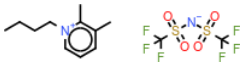
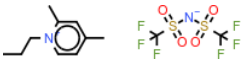
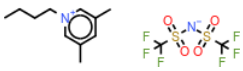
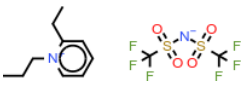
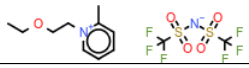
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0019	0.1239	0.0017	0.0328	2.2250	5.2408	2.8089	3.9666	96.0000
	0.0016	0.1312	0.0017	0.0311	2.6052	6.0496	2.8219	4.1015	208.0000
	0.0016	0.1377	0.0017	0.0324	2.7237	6.0341	2.9926	4.5069	220.0000
	0.0016	0.1323	0.0017	0.0317	2.6090	5.9866	2.8609	4.1893	213.0000
	0.0020	0.1283	0.0018	0.0350	2.1779	4.8766	2.9194	4.2645	99.0000
	0.0020	0.1317	0.0018	0.0349	2.3037	5.0910	2.9746	4.4038	121.0000
	0.0006	0.1306	0.0006	0.0167	2.2258	10.0017	0.9571	-0.6264	2670.0000
	0.0015	0.1234	0.0016	0.0281	2.5781	6.5058	2.5664	3.5985	115.0000
	0.0017	0.1335	0.0017	0.0326	2.5518	5.7707	2.9115	4.2853	187.0000
	0.0009	0.1089	0.0013	0.0187	3.5051	9.2150	2.1386	2.8917	228.0000
	0.0016	0.1253	0.0016	0.0302	2.3877	6.0481	2.6046	3.6297	107.0000
	0.0019	0.1240	0.0017	0.0327	2.2281	5.2516	2.8084	3.9589	98.5000
	0.0019	0.1288	0.0018	0.0331	2.3740	5.3292	2.9081	4.3541	99.1000
	0.0020	0.1324	0.0011	0.0307	-2.1278	4.8355	0.3347	-3.9880	102.0000
	0.0019	0.1221	0.0017	0.0317	2.1056	5.2795	2.6692	3.7281	40.8000
	0.0021	0.1303	0.0018	0.0358	2.1825	4.7443	3.0052	4.4932	83.3000
	0.0020	0.1315	0.0018	0.0349	2.3009	5.0803	2.9768	4.4149	120.0000
	0.0022	0.1258	0.0018	0.0364	2.0355	4.4411	2.9715	4.3922	61.8000
	0.0019	0.1298	0.0018	0.0333	2.3527	5.3801	2.8723	4.1954	138.0000
	0.0018	0.1270	0.0018	0.0316	2.4086	5.6212	2.8148	4.1028	102.0000

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Table S1 – *Continued from previous page*

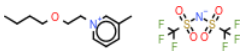
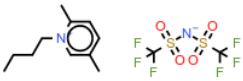
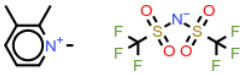
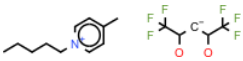
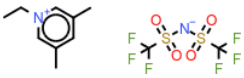
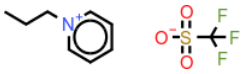
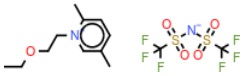
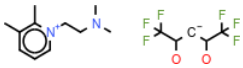
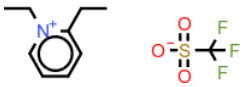
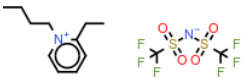
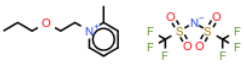
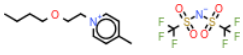
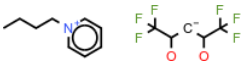
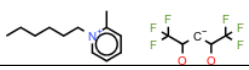
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0021	0.1210	0.0017	0.0330	1.9699	4.8637	2.7185	3.8349	25.0000
	0.0022	0.1293	0.0018	0.0363	2.1381	4.6022	3.0298	4.5290	74.7000
	0.0014	0.1293	0.0015	0.0283	2.9418	6.9141	2.7583	4.0181	286.0000
	0.0017	0.1234	0.0016	0.0302	2.2993	5.7972	2.6259	3.6617	67.8000
	0.0020	0.1321	0.0011	0.0307	-2.1257	4.8274	0.3376	-3.9691	101.0000
	0.0018	0.1301	0.0017	0.0329	2.4027	5.5302	2.8484	4.1075	160.0000
	0.0019	0.1305	0.0018	0.0341	2.3452	5.2688	2.9291	4.3161	137.0000
	0.0008	0.1280	0.0007	0.0180	1.7646	9.0328	0.9882	-0.7530	1650.0000
	0.0021	0.1287	0.0019	0.0352	2.1983	4.8124	2.9655	4.4792	64.5000
	0.0021	0.1526	0.0012	0.0331	-2.2934	4.7127	0.2482	-4.3545	155.0000
	0.0021	0.1222	0.0017	0.0341	2.0683	4.7947	2.8530	4.0627	60.6000
	0.0018	0.1277	0.0017	0.0327	2.3585	5.4404	2.8778	4.1479	118.0000
	0.0011	0.1634	0.0009	0.0245	0.9267	7.4370	1.0686	-1.2768	1250.0000
	0.0021	0.1275	0.0018	0.0351	2.1576	4.8106	2.9407	4.3341	82.5000
	0.0020	0.1254	0.0018	0.0333	2.2126	5.0952	2.8615	4.1804	62.8000
	0.0021	0.1208	0.0017	0.0330	1.9636	4.8672	2.7124	3.8231	25.0000
	0.0018	0.1204	0.0016	0.0306	2.2504	5.5947	2.6932	3.6070	94.1000
	0.0021	0.1221	0.0017	0.0341	2.0651	4.7887	2.8508	4.0620	59.6000
	0.0020	0.1193	0.0016	0.0321	2.0786	5.1198	2.7376	3.6969	58.3000
	0.0015	0.1247	0.0009	0.0259	-1.5489	6.1985	0.3023	-3.9643	274.0000
	0.0021	0.1397	0.0011	0.0322	-2.2995	4.5940	0.3223	-4.1548	73.1000

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Table S1 – *Continued from previous page*

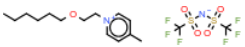
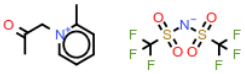
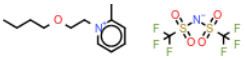
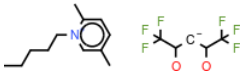
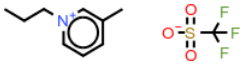
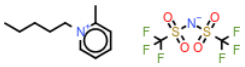
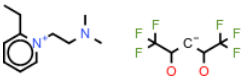
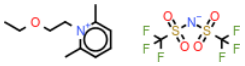
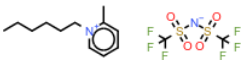
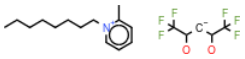
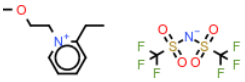
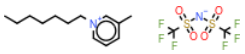
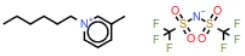
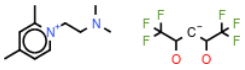
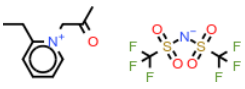
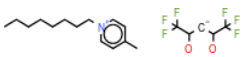
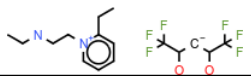
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0025	0.1178	0.0018	0.0351	1.7459	4.1748	2.7912	4.0487	8.7900
	0.0021	0.1287	0.0019	0.0352	2.2019	4.8129	2.9676	4.4943	65.7000
	0.0011	0.1168	0.0014	0.0220	3.2560	8.3076	2.3159	3.3149	192.0000
	0.0022	0.1236	0.0018	0.0345	2.0707	4.6942	2.8956	4.2609	38.0000
	0.0022	0.1508	0.0012	0.0343	-2.5083	4.2560	0.2696	-4.4300	75.8000
	0.0011	0.1493	0.0008	0.0236	0.8860	7.2822	1.0595	-1.2194	929.0000
	0.0016	0.1213	0.0015	0.0289	2.4717	6.1685	2.6450	3.5399	151.0000
	0.0018	0.1294	0.0018	0.0323	2.2761	5.5574	2.7256	3.9320	82.4000
	0.0021	0.1266	0.0018	0.0339	2.0714	4.9424	2.7794	4.0409	42.6000
	0.0020	0.1259	0.0017	0.0342	2.1852	4.9586	2.9252	4.2417	72.5000
	0.0020	0.1441	0.0011	0.0318	-2.1456	4.9453	0.2676	-4.1765	189.0000
	0.0019	0.1336	0.0018	0.0334	2.3460	5.3186	2.9552	4.4448	62.2000
	0.0022	0.1241	0.0018	0.0354	2.0445	4.5448	2.9647	4.3436	44.3000
	0.0024	0.1358	0.0012	0.0340	-2.4945	3.9409	0.3959	-3.8737	24.7000
	0.0016	0.1299	0.0017	0.0300	2.5364	6.2327	2.6674	3.8568	128.0000
	0.0025	0.1184	0.0018	0.0362	1.8407	4.0855	2.9239	4.2807	22.4000
	0.0023	0.1205	0.0018	0.0353	1.9441	4.4030	2.8992	4.1881	36.8000
	0.0021	0.1511	0.0012	0.0333	-2.3252	4.6647	0.2430	-4.3956	159.0000
	0.0013	0.1203	0.0015	0.0249	2.8670	7.3600	2.3905	3.3688	129.0000
	0.0025	0.1273	0.0012	0.0336	-2.4385	3.8162	0.4463	-3.5664	19.6000
	0.0019	0.1380	0.0011	0.0321	-2.0465	5.1161	0.2931	-4.0639	142.0000

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Table S1 – *Continued from previous page*

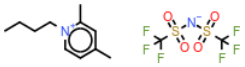
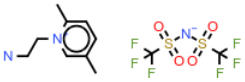
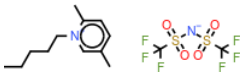
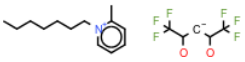
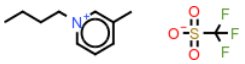
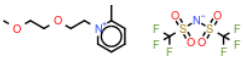
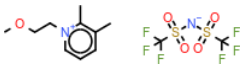
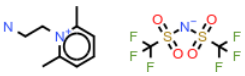
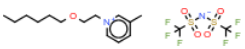
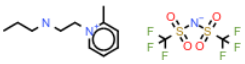
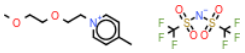
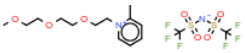
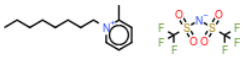
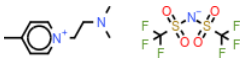
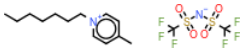
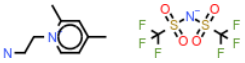
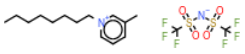
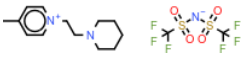
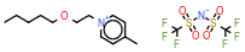
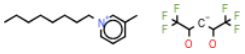
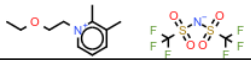
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0016	0.1188	0.0014	0.0302	0.5424	6.0382	1.9504	1.5181	82.0000
	0.0022	0.1290	0.0018	0.0364	2.1357	4.5971	3.0273	4.5338	74.2000
	0.0015	0.1212	0.0014	0.0325	1.6748	6.3061	2.3929	2.8480	178.0000
	0.0024	0.1269	0.0019	0.0375	2.0174	4.2143	3.0772	4.6597	45.6000
	0.0023	0.1382	0.0012	0.0332	-2.4153	4.2459	0.3566	-4.0409	42.5000
	0.0013	0.1479	0.0009	0.0252	0.6097	6.6337	1.1109	-1.2091	538.0000
	0.0018	0.1336	0.0018	0.0318	2.3178	5.7209	2.7109	3.9965	76.2000
	0.0016	0.1324	0.0017	0.0308	2.5141	6.1003	2.7268	3.9742	130.0000
	0.0015	0.1242	0.0015	0.0320	2.0589	6.6076	2.5117	3.2322	211.0000
	0.0024	0.1236	0.0019	0.0375	1.9221	4.0601	3.0177	4.5365	37.3000
	0.0025	0.1180	0.0018	0.0351	1.7562	4.1758	2.7997	4.0677	9.0000
	0.0019	0.1257	0.0016	0.0337	0.3124	5.4233	2.0680	1.7896	67.3000
	0.0018	0.1246	0.0017	0.0304	2.1074	5.7065	2.5308	3.4943	30.0000
	0.0019	0.1356	0.0019	0.0328	1.9654	5.5339	2.5315	3.5721	41.4000
	0.0026	0.1202	0.0018	0.0374	1.8460	3.8829	3.0398	4.5886	16.0000
	0.0018	0.1244	0.0016	0.0327	1.4646	5.5778	2.4048	2.9362	99.0000
	0.0025	0.1184	0.0018	0.0363	1.8405	4.0624	2.9349	4.3136	21.8000
	0.0015	0.1213	0.0014	0.0323	1.3937	6.3560	2.2647	2.4697	181.0000
	0.0026	0.1166	0.0018	0.0371	1.7601	3.7840	2.9654	4.4227	13.2000
	0.0023	0.1218	0.0017	0.0355	1.4741	4.5088	2.6521	3.5648	65.3000
	0.0023	0.1194	0.0018	0.0341	1.8414	4.4994	2.7509	3.9269	14.8000
	0.0025	0.1269	0.0012	0.0335	-2.4236	3.8431	0.4477	-3.5580	20.1000
	0.0021	0.1292	0.0019	0.0345	2.2432	4.9465	2.9452	4.4589	71.4000

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Table S1 – *Continued from previous page*

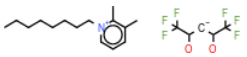
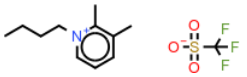
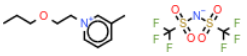
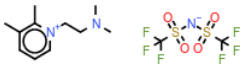
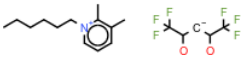
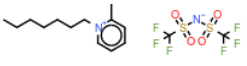
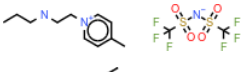
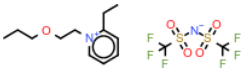
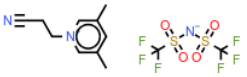
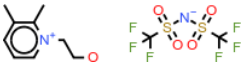
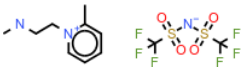
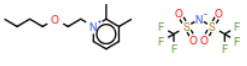
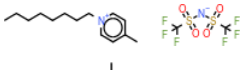
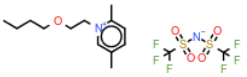
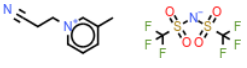
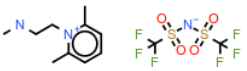
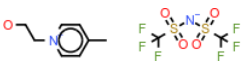
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0027	0.1436	0.0013	0.0364	-2.7013	3.4825	0.3793	-3.9567	16.2000
	0.0017	0.1336	0.0017	0.0326	2.5500	5.7654	2.9093	4.2907	186.0000
	0.0015	0.1727	0.0010	0.0301	0.1955	5.8060	1.1919	-1.4038	409.0000
	0.0020	0.1226	0.0017	0.0328	2.1387	5.0801	2.7950	4.0196	59.9000
	0.0022	0.1313	0.0019	0.0362	2.1408	4.6919	2.9704	4.4614	90.7000
	0.0010	0.1118	0.0015	0.0187	3.2620	8.6441	2.1371	2.9159	170.0000
	0.0022	0.1244	0.0018	0.0350	1.9374	4.5396	2.8221	4.1383	25.7000
	0.0024	0.1265	0.0019	0.0375	2.0142	4.2140	3.0707	4.6563	44.9000
	0.0024	0.1484	0.0012	0.0348	-2.5508	4.0453	0.3082	-4.2540	49.2000
	0.0024	0.1222	0.0018	0.0365	1.9382	4.1911	3.0100	4.4755	26.6000
	0.0020	0.1220	0.0016	0.0338	0.1513	5.2079	2.0078	1.6301	50.3000
	0.0020	0.1271	0.0018	0.0335	2.1261	5.1372	2.7618	3.9929	55.1000
	0.0010	0.1100	0.0011	0.0266	3.1141	8.4973	2.1506	2.9388	98.2000
	0.0014	0.1168	0.0016	0.0255	2.2464	6.7716	1.2551	1.5775	205.0000
	0.0015	0.1232	0.0015	0.0301	2.1405	6.4698	2.4897	3.1976	175.0000
	0.0022	0.1291	0.0019	0.0354	2.0025	4.7052	2.8518	4.2045	32.9000
	0.0027	0.1166	0.0018	0.0372	1.7599	3.7581	2.9768	4.4590	12.9000
	0.0023	0.1280	0.0019	0.0360	1.9511	4.5491	2.8720	4.2433	28.5000
	0.0008	0.1023	0.0010	0.0220	3.6352	9.8311	2.0216	2.8066	155.0000
	0.0018	0.1295	0.0017	0.0340	2.2426	5.6855	2.7895	3.9545	130.0000
	0.0011	0.1082	0.0013	0.0210	2.5452	8.0960	1.1312	1.3188	222.0000
	0.0017	0.1263	0.0018	0.0331	2.6009	6.1119	2.7029	4.1427	35.1000

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Table S1 – *Continued from previous page*

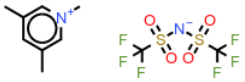
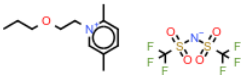
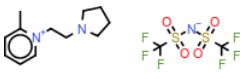
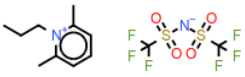
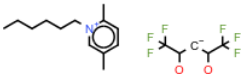
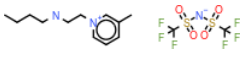
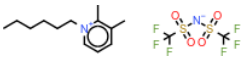
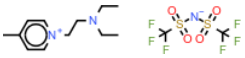
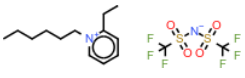
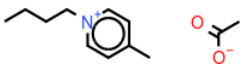
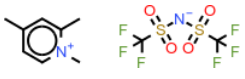
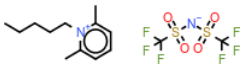
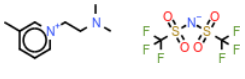
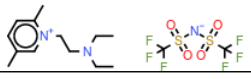
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0016	0.1192	0.0016	0.0281	2.3241	6.1237	2.5164	3.3134	66.0000
	0.0021	0.1262	0.0018	0.0351	2.0283	4.9610	2.8426	4.0901	79.4000
	0.0020	0.1249	0.0017	0.0353	2.1210	5.0946	2.8116	4.0579	85.0000
	0.0015	0.1275	0.0015	0.0294	2.7243	6.4745	2.7384	3.8754	232.0000
	0.0023	0.1255	0.0019	0.0363	2.0243	4.3533	2.9911	4.5324	45.9000
	0.0021	0.1246	0.0017	0.0350	2.1438	4.9281	2.8855	4.1930	138.0000
	0.0014	0.1187	0.0014	0.0281	0.8595	6.7033	1.9034	1.5051	141.0000
	0.0019	0.1361	0.0018	0.0347	2.4557	5.3269	3.0554	4.6024	148.0000
	0.0024	0.1487	0.0012	0.0353	-2.6130	3.9195	0.3054	-4.2988	43.4000
	0.0021	0.1212	0.0016	0.0352	0.1225	4.7882	2.0932	1.8530	30.9000
	0.0025	0.1255	0.0019	0.0380	1.9495	4.0005	3.0917	4.7399	30.6000
	0.0022	0.1227	0.0018	0.0349	1.3118	4.6019	2.5550	3.3691	46.9000
	0.0019	0.1215	0.0016	0.0318	1.5467	5.3040	2.4427	3.0288	73.2000
	0.0023	0.1252	0.0018	0.0363	2.0236	4.4103	2.9792	4.4407	50.5000
	0.0025	0.1231	0.0019	0.0373	1.9213	4.0650	3.0239	4.5746	30.3000
	0.0019	0.3708	0.0008	0.0262	-8.7835	4.1219	-4.3961	-20.0269	1170.0000
	0.0014	0.1292	0.0015	0.0292	2.8501	6.6634	2.7891	4.0551	255.0000
	0.0023	0.1310	0.0019	0.0376	2.1305	4.3880	3.1517	4.8167	55.6000
	0.0018	0.1247	0.0016	0.0326	1.4211	5.5751	2.3966	2.9002	101.0000
	0.0025	0.1280	0.0020	0.0385	1.9619	4.0818	3.0424	4.6868	62.1000

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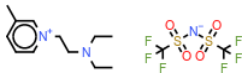
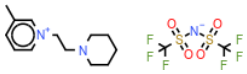
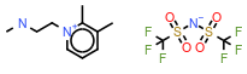
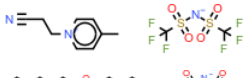
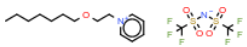
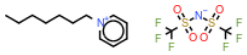
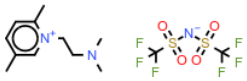
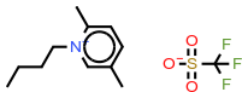
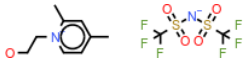
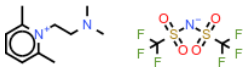
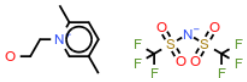
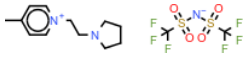
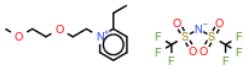
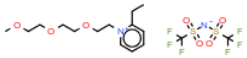
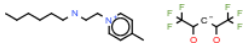
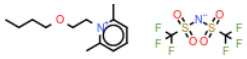
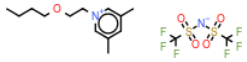
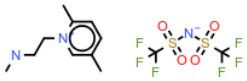
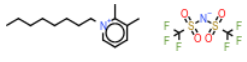
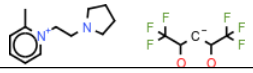
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1229	0.0018	0.0350	1.3407	4.5963	2.5714	3.4093	47.6000
	0.0023	0.1223	0.0017	0.0355	1.4321	4.5182	2.6356	3.5132	66.0000
	0.0019	0.1283	0.0017	0.0346	2.2694	5.4543	2.8171	4.0777	134.0000
	0.0008	0.1029	0.0010	0.0222	3.6265	9.7816	2.0442	2.8552	150.0000
	0.0023	0.1156	0.0017	0.0333	1.7253	4.4503	2.6707	3.6495	8.6200
	0.0022	0.1180	0.0017	0.0333	1.9411	4.7082	2.7813	3.8100	35.4000
	0.0022	0.1295	0.0019	0.0363	2.1256	4.6618	2.9738	4.4361	96.7000
	0.0016	0.1729	0.0010	0.0309	0.1008	5.6046	1.2040	-1.4506	361.0000
	0.0014	0.1158	0.0016	0.0259	2.1916	6.6304	1.2955	1.6317	186.0000
	0.0022	0.1337	0.0019	0.0365	2.2469	4.7838	3.0714	4.6732	98.8000
	0.0015	0.1160	0.0016	0.0260	2.1753	6.6009	1.2665	1.5770	185.0000
	0.0020	0.1230	0.0016	0.0343	0.9018	5.0844	2.2969	2.5653	100.0000
	0.0020	0.1309	0.0018	0.0340	1.8817	5.1090	2.6522	3.7442	58.2000
	0.0024	0.1361	0.0021	0.0374	1.8965	4.4106	2.9211	4.5507	34.6000
	0.0023	0.1247	0.0011	0.0333	-2.3499	4.2266	0.3314	-3.7356	16.5000
	0.0023	0.1292	0.0019	0.0361	2.0456	4.4480	3.0456	4.6347	22.3000
	0.0024	0.1226	0.0019	0.0362	1.8330	4.1873	2.8665	4.2701	15.4000
	0.0018	0.1263	0.0016	0.0341	1.8752	5.5115	2.6351	3.5189	111.0000
	0.0017	0.1229	0.0015	0.0321	0.4318	5.7513	1.9847	1.6329	89.7000
	0.0029	0.1209	0.0019	0.0396	1.8020	3.4265	3.1705	5.0242	10.7000
	0.0019	0.1389	0.0011	0.0317	-2.1507	4.9750	0.2814	-4.1943	233.0000

Continued on next page

Table S1 – *Continued from previous page*

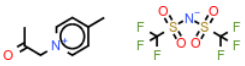
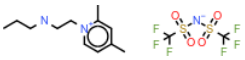
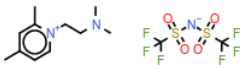
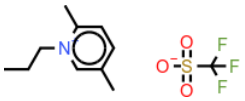
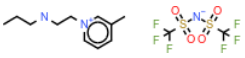
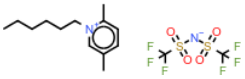
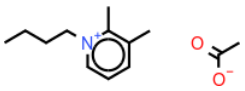
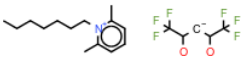
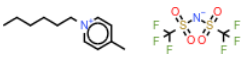
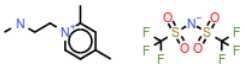
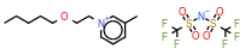
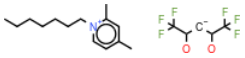
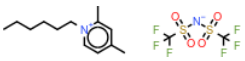
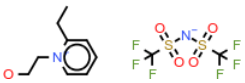
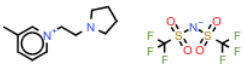
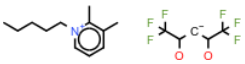
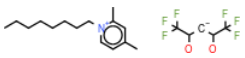
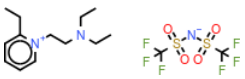
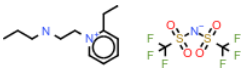
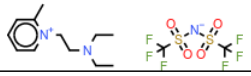
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0011	0.1148	0.0014	0.0224	3.0832	8.0512	2.2646	3.1153	150.0000
	0.0022	0.1283	0.0017	0.0372	-0.1253	4.6513	2.0869	1.7829	41.1000
	0.0022	0.1299	0.0019	0.0365	2.1202	4.6382	2.9773	4.4584	92.9000
	0.0014	0.1767	0.0010	0.0295	0.2879	6.1080	1.1509	-1.5414	632.0000
	0.0020	0.1221	0.0016	0.0338	0.3184	5.2121	2.0696	1.8080	51.6000
	0.0026	0.1246	0.0019	0.0385	1.9216	3.8711	3.1240	4.8091	27.1000
	0.0023	0.5814	0.0010	0.0336	-9.8643	3.3843	-4.8706	-22.4876	857.0000
	0.0025	0.1569	0.0013	0.0367	-2.7546	3.7742	0.2847	-4.5019	31.6000
	0.0023	0.1204	0.0018	0.0353	1.9401	4.3962	2.8963	4.1882	36.2000
	0.0018	0.1266	0.0017	0.0341	1.8041	5.4932	2.6181	3.4656	110.0000
	0.0022	0.1213	0.0017	0.0343	1.8811	4.6786	2.7229	3.8416	24.3000
	0.0026	0.1453	0.0013	0.0360	-2.6678	3.6565	0.3475	-4.1043	25.2000
	0.0012	0.1120	0.0015	0.0222	2.5742	7.7310	1.1876	1.3839	285.0000
	0.0026	0.1245	0.0019	0.0384	1.9221	3.8875	3.1136	4.7932	26.8000
	0.0014	0.1137	0.0016	0.0247	2.2568	6.9360	1.2147	1.4100	204.0000
	0.0020	0.1234	0.0016	0.0343	1.0023	5.0942	2.3414	2.6863	103.0000
	0.0022	0.1510	0.0012	0.0339	-2.4506	4.3811	0.2696	-4.3986	84.9000
	0.0028	0.1425	0.0013	0.0367	-2.7283	3.3985	0.3835	-3.9411	14.4000
	0.0024	0.1259	0.0019	0.0373	1.9607	4.2737	2.9468	4.4520	69.9000
	0.0022	0.1267	0.0017	0.0361	0.1231	4.8150	2.1357	1.9852	46.0000
	0.0022	0.1287	0.0018	0.0357	1.4575	4.6742	2.7142	3.7044	55.2000

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Table S1 – *Continued from previous page*

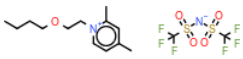
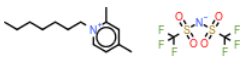
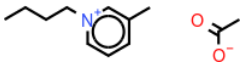
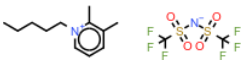
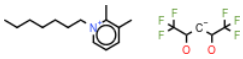
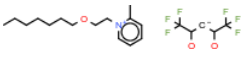
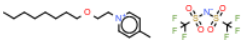
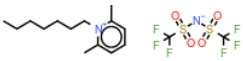
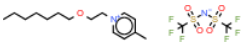
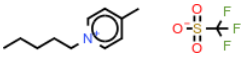
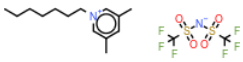
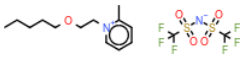
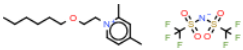
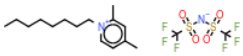
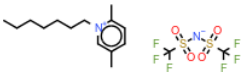
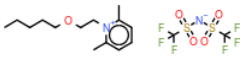
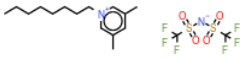
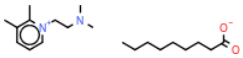
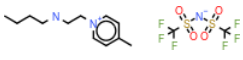
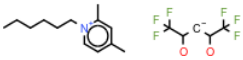
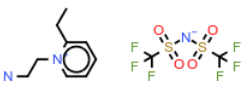
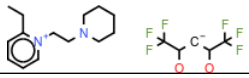
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0025	0.1241	0.0020	0.0375	1.9546	4.0631	3.0403	4.6986	24.3000
	0.0027	0.1221	0.0019	0.0392	1.8469	3.6039	3.1508	4.9275	16.3000
	0.0020	0.3738	0.0008	0.0263	-8.8202	4.0823	-4.4027	-20.0888	1190.0000
	0.0023	0.1278	0.0019	0.0370	2.0526	4.3425	3.0525	4.6151	50.9000
	0.0025	0.1460	0.0013	0.0357	-2.6357	3.7520	0.3429	-4.1184	28.6000
	0.0026	0.1312	0.0013	0.0344	-2.4637	3.7460	0.4704	-3.4718	11.4000
	0.0028	0.1149	0.0018	0.0369	1.5980	3.6333	2.8591	4.2978	2.9900
	0.0027	0.1261	0.0019	0.0395	1.9387	3.7217	3.2379	5.0852	20.1000
	0.0026	0.1163	0.0018	0.0360	1.6631	3.8939	2.8238	4.1621	5.0800
	0.0014	0.1458	0.0009	0.0265	0.4031	6.0986	1.1599	-1.1282	300.0000
	0.0028	0.1189	0.0019	0.0391	1.7713	3.4789	3.0992	4.8247	13.4000
	0.0024	0.1219	0.0019	0.0357	1.9521	4.3077	2.9450	4.3964	22.9000
	0.0020	0.1407	0.0011	0.0324	-2.1917	4.8580	0.2841	-4.1935	117.0000
	0.0029	0.1200	0.0020	0.0393	1.7992	3.4753	3.1197	4.9754	8.1000
	0.0029	0.1197	0.0019	0.0399	1.7836	3.3408	3.1858	5.0709	9.5800
	0.0027	0.1222	0.0019	0.0392	1.8477	3.5967	3.1585	4.9353	16.4000
	0.0025	0.1271	0.0019	0.0371	1.9375	4.1246	3.0771	4.7276	13.4000
	0.0030	0.1166	0.0019	0.0397	1.7140	3.2442	3.1259	4.9497	8.0300
	0.0027	0.4088	0.0009	0.0314	-9.5319	3.2586	-4.6881	-20.7920	45.7000
	0.0021	0.1207	0.0016	0.0351	0.0877	4.7904	2.0811	1.8239	30.4000
	0.0024	0.1479	0.0012	0.0352	-2.5942	3.9336	0.3120	-4.2531	43.0000
	0.0014	0.1176	0.0014	0.0309	1.8969	6.6462	2.3589	2.8321	197.0000
	0.0023	0.1410	0.0012	0.0337	-2.4278	4.1830	0.3154	-4.0327	167.0000

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Table S1 – *Continued from previous page*

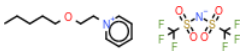
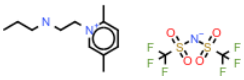
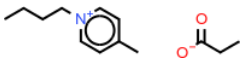
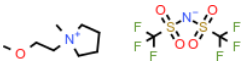
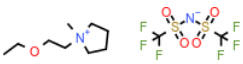
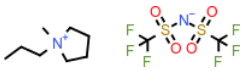
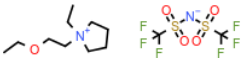
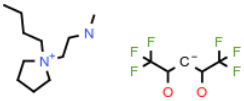
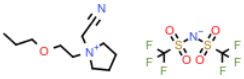
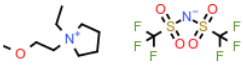
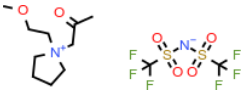
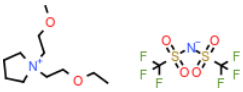
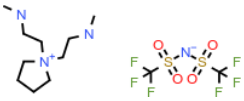
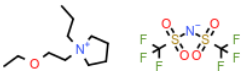
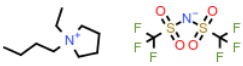
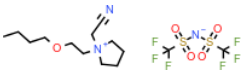
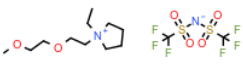
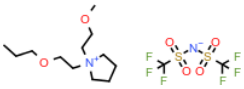
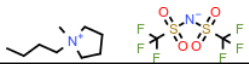
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0020	0.1177	0.0016	0.0310	1.9659	5.1739	2.5970	3.4485	24.5000
	0.0022	0.1280	0.0017	0.0372	0.0223	4.6443	2.1568	1.9790	41.2000
	0.0019	0.3390	0.0008	0.0249	-8.6860	4.2839	-4.3843	-19.7605	867.0000
	0.0013	0.1109	0.0013	0.0276	2.6501	6.6097	2.6977	3.7314	261.0000
	0.0018	0.1137	0.0015	0.0316	2.3119	5.3602	2.9084	4.1350	143.0000
	0.0015	0.1123	0.0013	0.0303	2.5317	5.9708	2.8750	3.9853	286.0000
	0.0020	0.1176	0.0016	0.0343	2.1656	4.7780	3.0214	4.4376	106.0000
	0.0018	0.1281	0.0009	0.0322	-2.4062	5.0047	0.0719	-4.9287	143.0000
	0.0015	0.1010	0.0012	0.0330	2.3903	6.5715	2.3221	2.9377	82.9000
	0.0016	0.1173	0.0014	0.0308	2.4121	5.8488	2.8184	3.9914	200.0000
	0.0015	0.1127	0.0014	0.0274	2.5394	6.4292	2.6093	3.7037	148.0000
	0.0022	0.1166	0.0017	0.0351	2.0433	4.4516	3.0224	4.5408	60.1000
	0.0020	0.1090	0.0014	0.0357	1.9983	4.7139	2.8819	4.0614	93.7000
	0.0021	0.1161	0.0016	0.0349	2.0142	4.6819	2.9454	4.2564	80.7000
	0.0020	0.1149	0.0015	0.0351	2.1256	4.6905	3.0526	4.3959	127.0000
	0.0017	0.1012	0.0012	0.0341	2.2085	6.0188	2.4082	3.1238	38.1000
	0.0020	0.1237	0.0017	0.0350	2.1349	4.8259	2.9691	4.4119	104.0000
	0.0020	0.1103	0.0016	0.0324	1.9935	4.9451	2.7743	3.9483	23.5000
	0.0017	0.1109	0.0013	0.0323	2.2835	5.3057	2.9401	4.0866	164.0000

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Table S1 – *Continued from previous page*

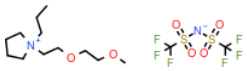
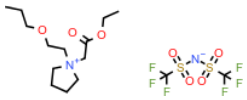
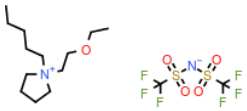
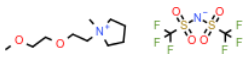
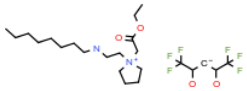
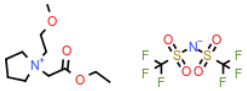
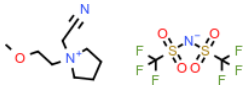
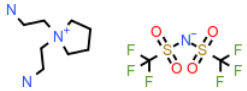
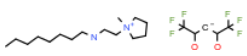
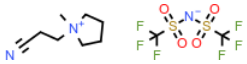
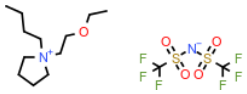
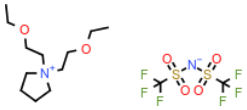
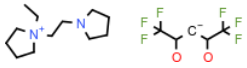
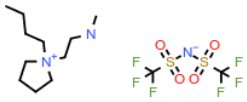
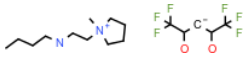
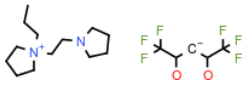
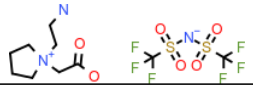
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0023	0.1227	0.0017	0.0369	1.9175	4.2983	3.0415	4.5666	60.2000
	0.0023	0.1158	0.0019	0.0330	1.9497	4.4081	2.8923	4.4674	20.6000
	0.0024	0.1133	0.0017	0.0369	1.8197	4.0011	3.0240	4.5094	30.3000
	0.0018	0.1202	0.0016	0.0324	2.2694	5.3557	2.8684	4.1546	133.0000
	0.0031	0.1165	0.0014	0.0352	-2.5773	3.0146	0.5688	-2.8110	1.6100
	0.0019	0.1176	0.0018	0.0299	2.2432	5.3068	2.7915	4.2344	58.8000
	0.0011	0.0967	0.0010	0.0280	3.0157	7.9600	2.2752	3.0864	174.0000
	0.0014	0.0991	0.0011	0.0329	2.2477	6.3258	2.5877	3.2817	270.0000
	0.0024	0.1189	0.0010	0.0346	-2.6648	3.8404	0.2895	-4.1676	10.0000
	0.0007	0.0873	0.0007	0.0209	3.7497	10.2268	2.0423	2.6723	268.0000
	0.0023	0.1153	0.0016	0.0364	1.9026	4.2445	3.0142	4.4468	47.2000
	0.0022	0.1170	0.0017	0.0351	1.9593	4.5212	2.9199	4.3079	49.3000
	0.0019	0.1336	0.0009	0.0328	-2.3938	4.8487	0.1373	-4.8135	257.0000
	0.0020	0.1150	0.0014	0.0359	-0.2955	4.8698	1.9268	1.1104	85.8000
	0.0018	0.1213	0.0008	0.0310	-2.3388	5.0528	0.1395	-4.7148	86.8000
	0.0021	0.1316	0.0009	0.0342	-2.5469	4.4145	0.1640	-4.6983	149.0000
	0.0011	0.0881	0.0013	0.0204	1.9630	7.6148	0.0008	-0.8111	264.0000

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Table S1 – *Continued from previous page*

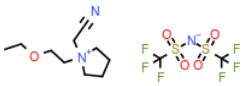
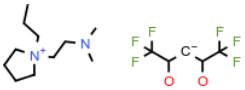
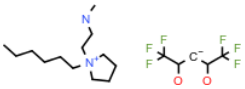
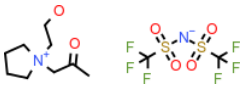
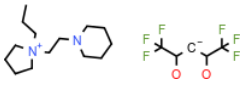
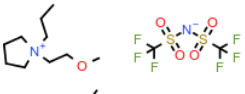
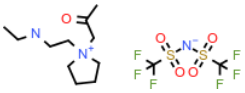
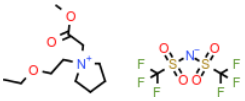
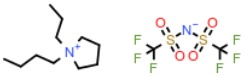
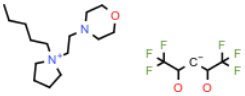
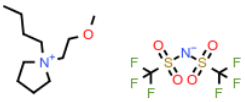
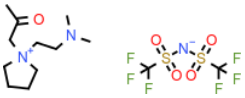
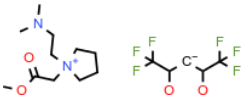
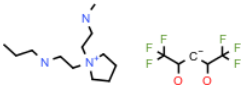
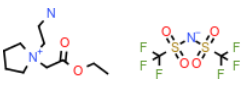
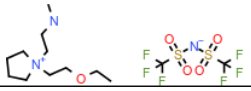
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0013	0.0995	0.0011	0.0302	2.6019	7.1318	2.2246	2.8586	105.0000
	0.0019	0.1332	0.0009	0.0330	-2.3933	4.7529	0.1775	-4.6911	159.0000
	0.0022	0.1269	0.0009	0.0345	-2.6473	4.2757	0.1451	-4.6932	45.0000
	0.0012	0.0992	0.0013	0.0219	2.3146	7.2576	1.1117	1.3257	204.0000
	0.0023	0.1316	0.0010	0.0350	-2.6752	3.9096	0.2516	-4.4500	88.7000
	0.0018	0.1167	0.0015	0.0330	2.1917	5.2184	2.8857	4.1243	131.0000
	0.0018	0.1133	0.0015	0.0319	2.1787	5.3704	2.7208	3.8772	80.1000
	0.0020	0.1165	0.0019	0.0305	2.1780	5.0008	2.8187	4.3214	50.7000
	0.0022	0.1130	0.0016	0.0366	1.9846	4.2417	3.1011	4.5472	83.6000
	0.0022	0.1330	0.0010	0.0346	-2.4369	4.2561	0.2708	-4.1927	34.1000
	0.0020	0.1157	0.0016	0.0341	2.0508	4.8074	2.9160	4.1988	80.9000
	0.0019	0.1180	0.0016	0.0325	2.1463	5.1168	2.8041	4.0973	97.0000
	0.0019	0.1284	0.0012	0.0284	-1.9954	5.0069	0.3299	-3.6710	114.0000
	0.0019	0.1246	0.0009	0.0332	-2.4501	4.9650	0.0166	-4.8996	61.2000
	0.0017	0.1073	0.0015	0.0305	2.2024	5.5781	2.6985	3.8919	83.7000
	0.0021	0.1133	0.0015	0.0351	1.9618	4.7042	2.8558	4.0756	69.4000

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Table S1 – *Continued from previous page*

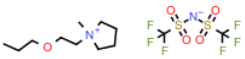
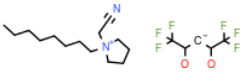
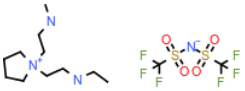
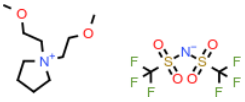
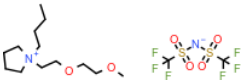
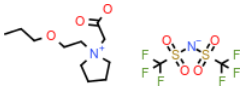
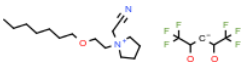
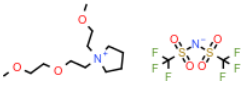
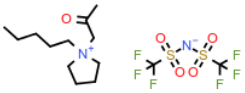
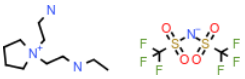
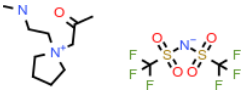
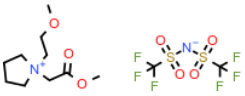
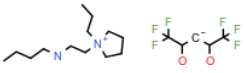
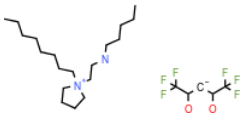
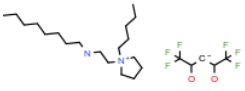
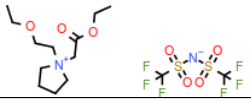
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0018	0.1111	0.0014	0.0316	2.1546	5.3454	2.8013	3.8475	99.0000
	0.0018	0.0947	0.0008	0.0333	-1.6383	5.2747	0.5289	-2.9287	23.1000
	0.0023	0.1092	0.0015	0.0368	1.8999	4.2034	2.9926	4.3666	59.0000
	0.0017	0.1168	0.0015	0.0307	2.2839	5.6981	2.7430	3.9012	121.0000
	0.0025	0.1198	0.0018	0.0380	1.8673	3.9404	3.0859	4.7350	37.2000
	0.0018	0.1007	0.0018	0.0250	1.0797	5.5303	-0.0481	-1.0787	62.0000
	0.0021	0.0992	0.0009	0.0347	-1.8056	4.8422	0.5597	-2.8041	10.1000
	0.0021	0.1222	0.0017	0.0345	1.8819	4.7846	2.8058	4.0826	45.2000
	0.0019	0.1104	0.0015	0.0316	2.0584	5.1170	2.7129	3.8092	50.6000
	0.0020	0.1060	0.0013	0.0368	1.9978	4.9132	2.8622	3.9652	112.0000
	0.0016	0.1123	0.0014	0.0302	2.3658	5.8568	2.7004	3.8372	125.0000
	0.0016	0.1160	0.0017	0.0274	2.4722	5.9515	2.7278	4.1343	88.3000
	0.0019	0.1184	0.0014	0.0349	1.2294	5.1363	2.5667	3.0767	157.0000
	0.0022	0.1287	0.0010	0.0345	-2.7448	4.2303	0.1164	-4.8153	43.5000
	0.0032	0.1238	0.0012	0.0393	-3.0202	2.7712	0.3484	-3.8451	1.1800
	0.0032	0.1207	0.0012	0.0390	-2.9981	2.7769	0.3604	-3.7858	1.0700
	0.0022	0.1162	0.0020	0.0325	2.0186	4.4543	2.8966	4.5093	31.3000

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Table S1 – *Continued from previous page*

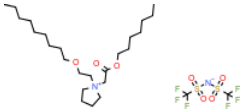
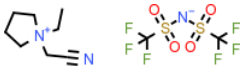
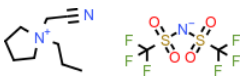
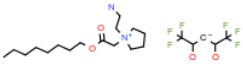
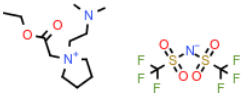
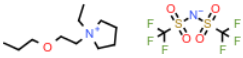
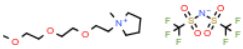
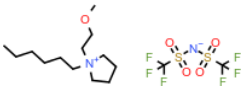
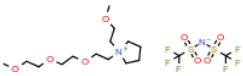
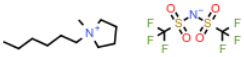
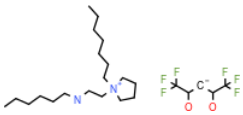
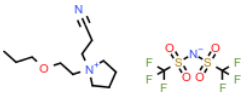
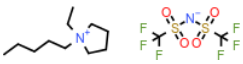
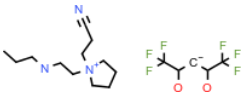
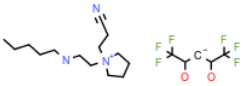
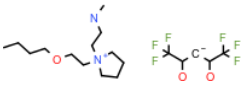
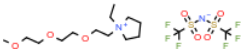
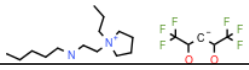
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0041	0.0982	0.0021	0.0409	1.5984	2.0235	3.3712	6.2965	0.0372
	0.0009	0.0917	0.0009	0.0249	3.4424	9.1079	2.1393	2.8349	326.0000
	0.0010	0.0930	0.0010	0.0270	2.9777	8.2739	2.0672	2.4742	229.0000
	0.0026	0.1108	0.0012	0.0337	-2.4012	3.6340	0.5149	-3.0752	4.7300
	0.0023	0.1180	0.0020	0.0339	1.9816	4.3156	2.9190	4.5437	41.8000
	0.0020	0.1132	0.0015	0.0335	2.0386	4.8281	2.9017	4.1379	51.7000
	0.0021	0.1232	0.0016	0.0350	1.7316	4.7272	2.7719	3.8930	60.9000
	0.0024	0.1132	0.0016	0.0367	1.8233	4.0190	3.0283	4.5079	27.2000
	0.0023	0.1324	0.0017	0.0369	0.7887	4.5531	2.2870	2.4968	16.9000
	0.0021	0.1088	0.0014	0.0349	1.9972	4.4422	3.0320	4.3233	59.8000
	0.0032	0.1223	0.0012	0.0393	-3.0262	2.7691	0.3462	-3.8517	1.0900
	0.0015	0.1058	0.0012	0.0323	2.3086	6.6835	2.3299	2.9198	42.9000
	0.0022	0.1135	0.0015	0.0361	2.0126	4.3316	3.0907	4.5167	81.0000
	0.0012	0.0965	0.0006	0.0283	-0.9792	7.2410	0.2758	-3.4152	61.1000
	0.0016	0.0999	0.0007	0.0315	-1.4644	6.2058	0.3167	-3.4484	19.2000
	0.0022	0.1319	0.0010	0.0348	-2.7484	4.2158	0.0965	-4.8206	34.3000
	0.0023	0.1271	0.0018	0.0380	1.8735	4.2451	3.0120	4.5519	73.5000
	0.0023	0.1266	0.0010	0.0353	-2.7441	3.9561	0.1935	-4.5362	24.6000

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Table S1 – *Continued from previous page*

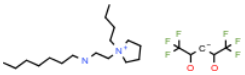
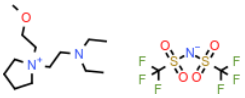
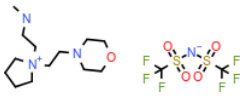
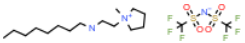
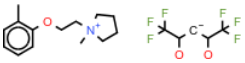
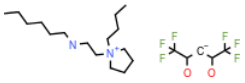
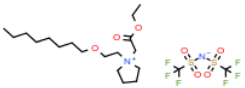
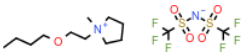
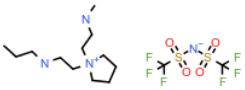
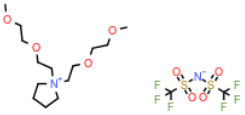
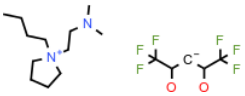
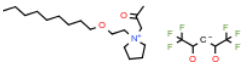
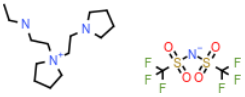
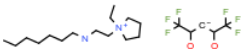
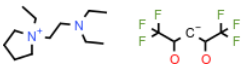
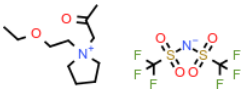
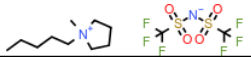
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0028	0.1236	0.0011	0.0375	-2.9204	3.2621	0.2788	-4.1442	4.7200
	0.0025	0.1195	0.0018	0.0377	1.7698	3.9910	2.9795	4.4777	42.0000
	0.0018	0.1166	0.0013	0.0346	0.0122	5.3893	1.7335	0.8356	56.4000
	0.0026	0.1075	0.0015	0.0383	-0.3288	3.7106	2.2178	2.0224	6.9000
	0.0016	0.1242	0.0010	0.0319	-1.6681	5.9029	0.3696	-3.7212	105.0000
	0.0027	0.1246	0.0011	0.0373	-2.8321	3.3505	0.3039	-4.1201	6.4000
	0.0032	0.1075	0.0020	0.0378	1.6806	2.9411	3.1918	5.4203	1.1700
	0.0017	0.1123	0.0013	0.0323	1.4888	5.6454	2.5160	2.9585	168.0000
	0.0019	0.1082	0.0014	0.0322	2.0302	5.0171	2.8150	3.8668	43.0000
	0.0020	0.1151	0.0013	0.0369	-0.8527	4.8336	1.4952	-0.0737	39.2000
	0.0024	0.1256	0.0019	0.0364	1.8113	4.3695	2.8607	4.3105	24.2000
	0.0021	0.1346	0.0010	0.0346	-2.5556	4.3080	0.2108	-4.6074	90.2000
	0.0028	0.1219	0.0012	0.0353	-2.5768	3.3324	0.4987	-3.2631	2.5900
	0.0028	0.1108	0.0017	0.0404	1.7347	3.3269	3.1928	4.9954	45.8000
	0.0025	0.1268	0.0010	0.0360	-2.8626	3.6914	0.2113	-4.4796	11.4000
	0.0022	0.1372	0.0010	0.0337	-2.6782	4.2393	0.1480	-4.7889	102.0000
	0.0018	0.1155	0.0016	0.0304	2.2150	5.3752	2.7329	3.9904	70.2000
	0.0019	0.1103	0.0014	0.0335	2.1407	4.9045	2.9727	4.1716	108.0000

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Table S1 – *Continued from previous page*

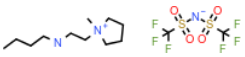
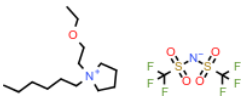
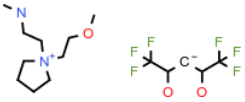
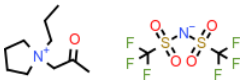
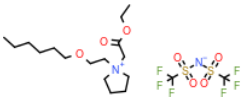
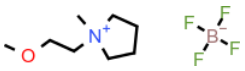
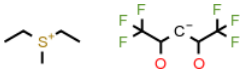
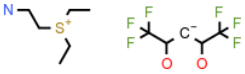
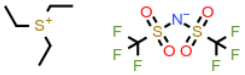
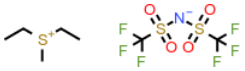
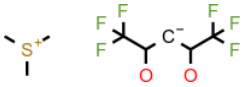
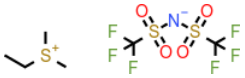
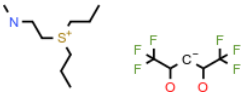
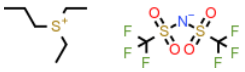
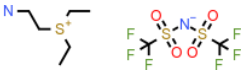
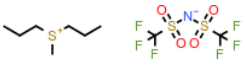
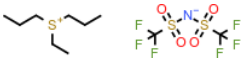
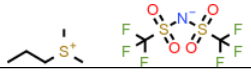
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0020	0.1112	0.0013	0.0346	-0.2384	4.9047	1.9941	1.2939	52.9000
	0.0026	0.1119	0.0017	0.0378	1.7469	3.7194	3.0647	4.6495	17.8000
	0.0015	0.1265	0.0008	0.0288	-1.9486	5.9043	0.0673	-4.6545	204.0000
	0.0015	0.1111	0.0014	0.0283	2.4443	6.1576	2.6177	3.6481	142.0000
	0.0029	0.1104	0.0020	0.0366	1.7540	3.3285	3.1293	5.1583	3.6300
	0.0008	0.1260	0.0003	0.0203	1.6585	8.1042	1.2666	-0.6842	2130.0000
	0.0010	0.1084	0.0006	0.0209	-0.9017	7.8271	0.1819	-4.1276	537.0000
	0.0012	0.1107	0.0007	0.0262	-1.3932	6.8548	0.1787	-4.3586	320.0000
	0.0014	0.1157	0.0013	0.0287	2.7682	6.4379	2.8371	4.1059	167.0000
	0.0011	0.1072	0.0011	0.0242	3.1592	7.6428	2.6397	3.7360	252.0000
	0.0005	0.0809	0.0004	0.0135	0.5012	10.7088	0.1819	-3.5768	1100.0000
	0.0008	0.0984	0.0009	0.0199	3.6390	8.9736	2.4733	3.4760	351.0000
	0.0020	0.1217	0.0009	0.0321	-2.2701	4.6474	0.2933	-4.1597	64.2000
	0.0017	0.1158	0.0014	0.0313	2.4631	5.6276	2.9171	4.2254	105.0000
	0.0013	0.1048	0.0011	0.0295	2.5500	6.7328	2.6253	3.5399	171.0000
	0.0016	0.1096	0.0013	0.0298	2.4432	5.8334	2.7927	3.8994	102.0000
	0.0019	0.1149	0.0015	0.0335	2.2433	4.9945	2.9839	4.3753	67.4000
	0.0011	0.1022	0.0011	0.0233	3.0973	7.7245	2.5530	3.4473	228.0000

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Table S1 – *Continued from previous page*

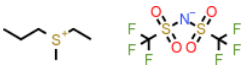
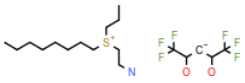
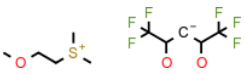
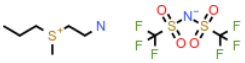
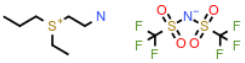
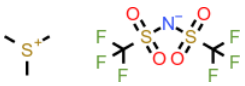
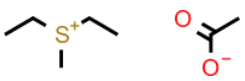
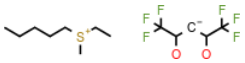
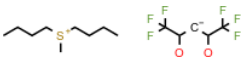
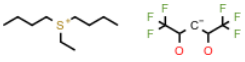
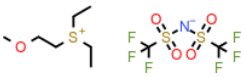
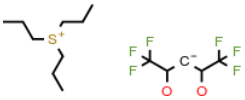
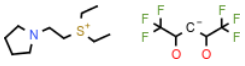
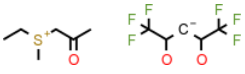
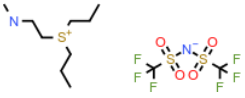
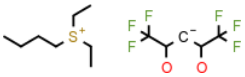
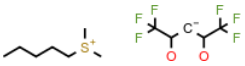
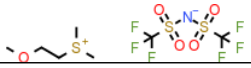
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0014	0.1089	0.0012	0.0271	2.7521	6.6570	2.7112	3.7749	163.0000
	0.0026	0.1128	0.0010	0.0364	-2.5917	3.5896	0.4316	-3.6978	6.4800
	0.0010	0.1004	0.0006	0.0200	-0.8049	7.8093	0.2568	-3.7438	383.0000
	0.0012	0.0985	0.0011	0.0278	2.2503	7.0821	2.4062	2.9260	159.0000
	0.0016	0.1062	0.0013	0.0324	2.2532	5.8689	2.7221	3.6854	104.0000
	0.0006	0.0893	0.0008	0.0160	4.1915	10.4498	2.3115	3.2519	458.0000
	0.0021	0.3538	0.0008	0.0304	-9.8446	2.9159	-4.3768	-21.3863	4040.0000
	0.0016	0.1141	0.0008	0.0271	-1.8792	5.5557	0.2939	-4.1149	115.0000
	0.0010	0.0946	0.0011	0.0195	2.7431	8.2402	1.1244	1.2895	246.0000
	0.0019	0.1158	0.0009	0.0293	-2.1441	4.8812	0.3228	-4.0522	66.2000
	0.0022	0.1295	0.0010	0.0326	-2.5033	4.2333	0.2874	-4.3371	41.9000
	0.0017	0.1161	0.0015	0.0307	2.4746	5.6583	2.8881	4.2581	89.1000
	0.0022	0.1139	0.0016	0.0351	2.0862	4.4967	3.0505	4.5369	40.1000
	0.0020	0.1333	0.0010	0.0320	-2.4398	4.5052	0.2403	-4.5181	71.0000
	0.0020	0.1295	0.0009	0.0320	-2.3481	4.6528	0.2425	-4.4191	155.0000
	0.0008	0.0942	0.0006	0.0174	-0.1996	8.7673	0.3098	-3.1086	294.0000
	0.0021	0.1099	0.0015	0.0359	1.9458	4.5543	2.9009	4.1822	39.1000
	0.0017	0.1286	0.0009	0.0293	-2.1230	5.2277	0.2281	-4.4773	123.0000
	0.0014	0.1032	0.0007	0.0239	-1.4912	6.3721	0.3051	-3.9727	173.0000
	0.0011	0.1031	0.0011	0.0231	3.0702	7.6530	2.5336	3.5002	189.0000

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Table S1 – *Continued from previous page*

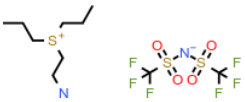
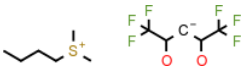
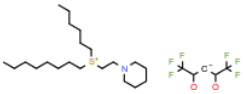
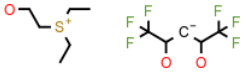
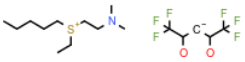
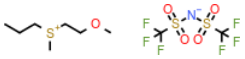
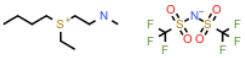
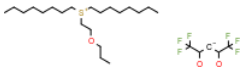
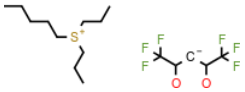
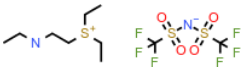
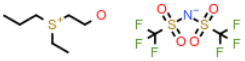
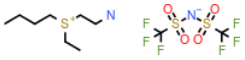
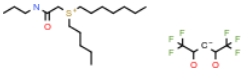
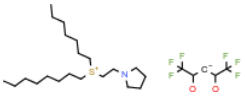
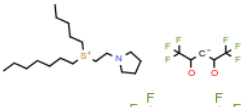
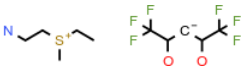
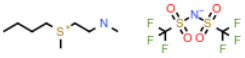
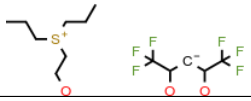
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0018	0.1054	0.0013	0.0346	2.1001	5.2396	2.8058	3.8762	62.8000
	0.0012	0.1015	0.0006	0.0221	-1.2002	7.0713	0.2629	-4.0121	294.0000
	0.0037	0.1168	0.0013	0.0397	-2.8952	2.1834	0.5801	-2.7914	0.2080
	0.0013	0.1012	0.0013	0.0231	2.3144	7.0794	1.1754	1.4249	168.0000
	0.0012	0.0936	0.0008	0.0203	-0.5031	7.1104	0.4386	-2.1646	235.0000
	0.0022	0.1248	0.0010	0.0335	-2.4006	4.2089	0.3202	-3.9672	24.9000
	0.0016	0.1104	0.0014	0.0294	2.4451	5.8157	2.7825	3.9777	81.9000
	0.0021	0.1097	0.0015	0.0351	1.8482	4.7226	2.8098	3.9200	38.8000
	0.0038	0.1157	0.0014	0.0390	-2.8174	2.2031	0.6382	-2.5296	0.0707
	0.0024	0.1311	0.0011	0.0343	-2.6633	3.8003	0.3098	-4.2669	23.9000
	0.0019	0.1110	0.0014	0.0331	2.2220	5.1622	2.8819	4.1139	72.7000
	0.0015	0.1025	0.0014	0.0256	1.9645	6.2364	1.2117	1.4620	105.0000
	0.0018	0.1049	0.0013	0.0340	2.1162	5.3546	2.7815	3.8042	62.8000
	0.0028	0.0937	0.0011	0.0328	-1.9166	3.5366	0.6866	-1.7337	0.5140
	0.0037	0.1179	0.0013	0.0403	-2.9183	2.2508	0.5327	-2.9372	0.1760
	0.0033	0.1220	0.0012	0.0391	-2.8687	2.6885	0.4457	-3.3894	1.2200
	0.0008	0.0927	0.0005	0.0197	-0.9189	8.8923	-0.1918	-4.8616	453.0000
	0.0018	0.1055	0.0013	0.0322	2.1065	5.3466	2.7260	3.6879	57.6000
	0.0016	0.0968	0.0009	0.0244	-1.1297	5.5837	0.5144	-2.0844	86.4000

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Table S1 – *Continued from previous page*

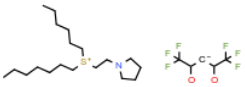
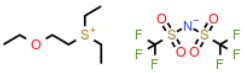
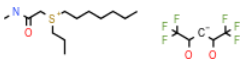
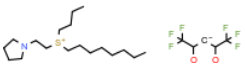
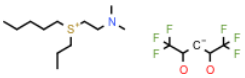
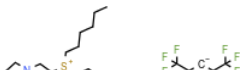
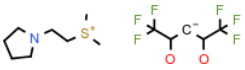
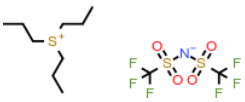
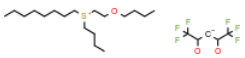
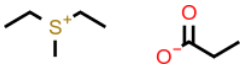
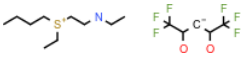
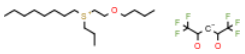
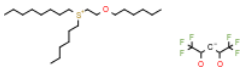
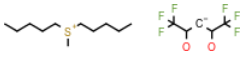
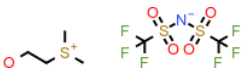
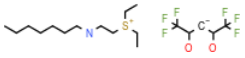
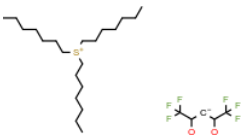
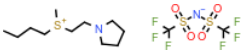
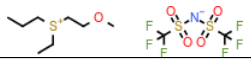
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0034	0.1193	0.0012	0.0394	-2.8630	2.5514	0.4868	-3.1697	0.6950
	0.0019	0.1155	0.0015	0.0322	2.2928	5.2108	2.9145	4.2821	67.8000
	0.0021	0.0951	0.0010	0.0294	-1.5699	4.6694	0.5637	-2.2097	5.4300
	0.0032	0.1185	0.0012	0.0385	-2.7652	2.8017	0.4698	-3.2148	1.4300
	0.0025	0.1268	0.0011	0.0354	-2.5719	3.7719	0.3398	-3.9256	14.0000
	0.0032	0.1204	0.0012	0.0388	-2.8075	2.7702	0.4603	-3.3041	1.3500
	0.0013	0.1006	0.0007	0.0240	-1.3476	6.6582	0.2462	-3.9111	266.0000
	0.0022	0.1141	0.0016	0.0356	2.0698	4.4071	3.0729	4.6059	40.8000
	0.0033	0.1192	0.0013	0.0376	-2.7706	2.6189	0.5573	-2.9520	0.4450
	0.0018	0.2884	0.0006	0.0246	-9.0752	4.1321	-4.3528	-20.4518	2980.0000
	0.0020	0.1253	0.0009	0.0323	-2.3337	4.6652	0.2191	-4.3190	34.2000
	0.0032	0.1203	0.0013	0.0370	-2.7337	2.8048	0.5316	-3.0837	0.8110
	0.0039	0.1140	0.0014	0.0393	-2.8223	2.1019	0.6612	-2.4022	0.0405
	0.0022	0.1141	0.0010	0.0314	-2.3684	4.1829	0.3955	-3.7983	23.0000
	0.0006	0.0820	0.0009	0.0144	3.5164	10.3317	0.9925	1.1049	347.0000
	0.0026	0.1221	0.0011	0.0353	-2.6711	3.4949	0.4048	-3.8292	9.3700
	0.0019	0.1151	0.0009	0.0290	-2.1165	4.9336	0.3259	-4.0317	67.7000
	0.0039	0.1151	0.0013	0.0397	-2.9487	1.9933	0.6165	-2.6946	0.0742
	0.0023	0.1077	0.0015	0.0360	1.9117	4.2175	2.9727	4.3794	41.0000
	0.0020	0.1156	0.0016	0.0330	2.2467	4.9926	2.9659	4.4192	54.1000

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Table S1 – *Continued from previous page*

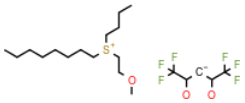
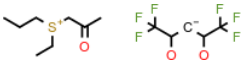
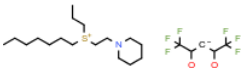
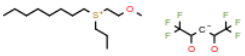
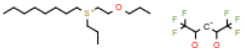
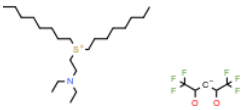
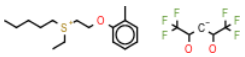
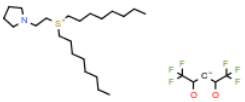
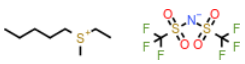
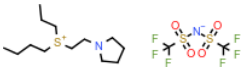
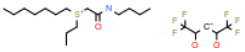
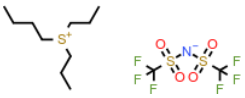
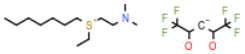
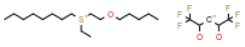
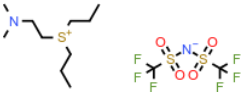
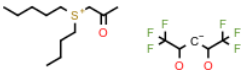
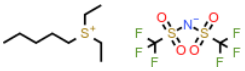
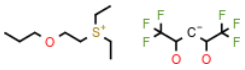
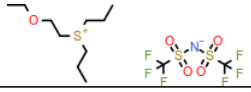
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1215	0.0012	0.0353	-2.6363	3.2306	0.4781	-3.3510	2.4300
	0.0013	0.1090	0.0008	0.0231	-1.1225	6.8047	0.3402	-3.3718	119.0000
	0.0032	0.1219	0.0012	0.0377	-2.8175	2.7837	0.4690	-3.3621	2.3500
	0.0027	0.1231	0.0012	0.0345	-2.5791	3.4751	0.4467	-3.4998	4.3500
	0.0030	0.1217	0.0013	0.0364	-2.7049	2.9776	0.5018	-3.2319	1.4500
	0.0040	0.1132	0.0014	0.0400	-2.8657	1.9741	0.6359	-2.4112	0.0447
	0.0024	0.1277	0.0013	0.0367	-2.1758	4.3222	0.4899	-3.2056	8.9000
	0.0037	0.1132	0.0013	0.0401	-2.8206	2.2516	0.5825	-2.6338	0.1290
	0.0018	0.1087	0.0014	0.0308	2.2697	5.4233	2.8149	3.9001	64.2000
	0.0028	0.1087	0.0017	0.0398	1.7508	3.3571	3.1664	4.9891	19.2000
	0.0027	0.0990	0.0012	0.0330	-1.9797	3.6063	0.6587	-1.9731	0.8300
	0.0024	0.1125	0.0017	0.0370	1.9492	3.9852	3.1279	4.7744	23.9000
	0.0026	0.1239	0.0011	0.0354	-2.5775	3.6372	0.3835	-3.7447	7.6800
	0.0033	0.1185	0.0013	0.0370	-2.8053	2.6578	0.5341	-3.1133	0.9270
	0.0023	0.1142	0.0016	0.0370	1.1491	4.3415	2.6699	3.5392	26.3000
	0.0021	0.1110	0.0011	0.0294	-1.9690	4.6470	0.4786	-3.1165	13.0000
	0.0021	0.1133	0.0015	0.0343	2.1173	4.6568	3.0117	4.4239	41.1000
	0.0019	0.1280	0.0010	0.0302	-2.2307	4.7839	0.2864	-4.1891	71.9000
	0.0022	0.1159	0.0017	0.0353	1.9639	4.4273	2.9511	4.4191	25.3000

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Table S1 – *Continued from previous page*

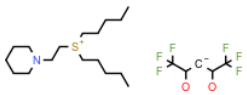
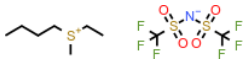
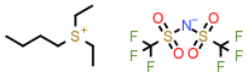
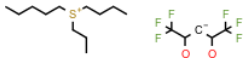
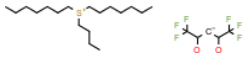
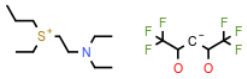
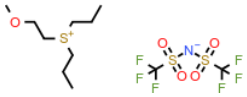
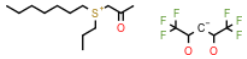
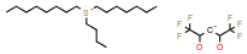
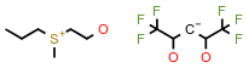
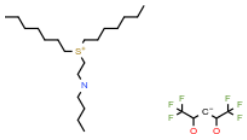
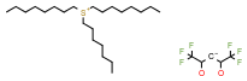
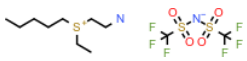
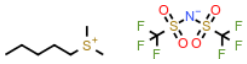
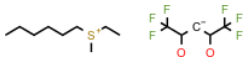
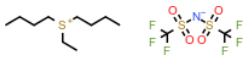
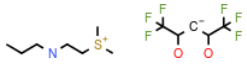
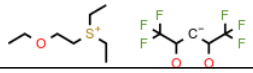
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0032	0.1227	0.0012	0.0381	-2.8462	2.7463	0.4614	-3.4067	2.2800
	0.0016	0.1091	0.0013	0.0292	2.4712	5.9460	2.7719	3.8364	102.0000
	0.0018	0.1090	0.0014	0.0315	2.2293	5.2603	2.8411	3.9860	63.6000
	0.0019	0.1144	0.0015	0.0328	2.2697	5.1144	2.9587	4.2987	67.5000
	0.0026	0.1294	0.0011	0.0352	-2.7471	3.4936	0.3446	-4.1159	13.6000
	0.0035	0.1200	0.0013	0.0386	-2.9398	2.3530	0.5331	-3.1621	0.4370
	0.0023	0.1267	0.0011	0.0332	-2.4540	4.0960	0.3175	-3.9881	31.0000
	0.0022	0.1142	0.0017	0.0350	2.0697	4.4464	3.0298	4.5807	34.5000
	0.0022	0.1108	0.0011	0.0303	-2.0627	4.3535	0.5116	-3.0113	7.3300
	0.0036	0.1177	0.0013	0.0389	-2.9334	2.2376	0.5646	-2.9837	0.2470
	0.0011	0.0864	0.0007	0.0193	-0.4133	7.2510	0.4607	-2.0867	216.0000
	0.0036	0.1157	0.0013	0.0398	-2.9228	2.3665	0.5017	-3.0247	0.0999
	0.0041	0.1129	0.0014	0.0403	-2.9507	1.7927	0.6639	-2.4269	0.0220
	0.0020	0.1050	0.0014	0.0354	1.8910	4.8846	2.8090	3.8511	38.6000
	0.0015	0.1039	0.0012	0.0275	2.4608	6.2222	2.6519	3.4521	93.2000
	0.0018	0.1149	0.0009	0.0285	-2.0696	5.0660	0.3283	-4.0482	66.0000
	0.0023	0.1118	0.0016	0.0362	1.9715	4.1272	3.0918	4.6621	25.0000
	0.0012	0.0956	0.0006	0.0228	-1.2162	7.0555	0.2160	-3.9198	169.0000
	0.0017	0.1282	0.0009	0.0287	-2.0325	5.3093	0.2500	-4.2733	121.0000

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Table S1 – *Continued from previous page*

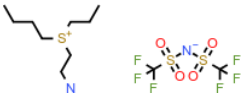
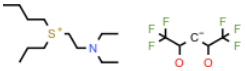
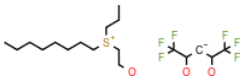
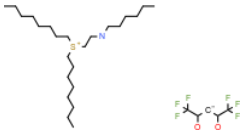
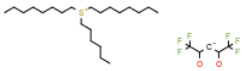
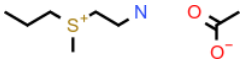
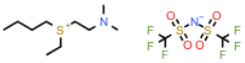
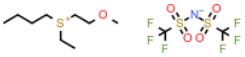
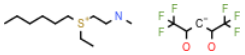
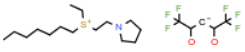
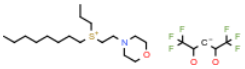
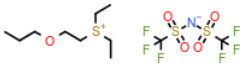
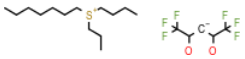
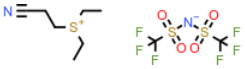
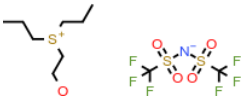
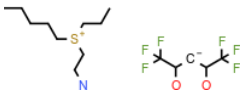
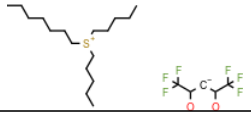
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0021	0.1046	0.0014	0.0363	1.9718	4.7425	2.8716	4.0437	37.1000
	0.0027	0.1275	0.0012	0.0360	-2.7171	3.3719	0.3636	-3.8454	8.8700
	0.0025	0.0958	0.0011	0.0296	-1.7292	3.8341	0.6821	-1.5877	6.5800
	0.0041	0.1101	0.0013	0.0409	-2.9045	1.9562	0.6109	-2.4076	0.0099
	0.0040	0.1147	0.0014	0.0401	-2.9647	1.8837	0.6353	-2.5962	0.0404
	0.0017	0.2314	0.0005	0.0273	-8.8610	4.1348	-4.1999	-19.8387	1890.0000
	0.0022	0.1141	0.0015	0.0363	1.0428	4.4599	2.5895	3.3076	26.6000
	0.0022	0.1143	0.0016	0.0344	2.0973	4.5541	3.0093	4.5275	33.5000
	0.0022	0.1234	0.0010	0.0332	-2.5055	4.3822	0.1971	-4.3577	19.6000
	0.0027	0.1215	0.0011	0.0361	-2.6359	3.4283	0.3861	-3.6463	7.2900
	0.0029	0.1283	0.0012	0.0372	-2.6182	3.2653	0.4412	-3.4112	1.5200
	0.0021	0.1145	0.0016	0.0338	2.1162	4.6845	2.9711	4.4081	42.1000
	0.0026	0.1123	0.0017	0.0372	1.8796	3.7823	3.1093	4.8455	16.4000
	0.0029	0.1258	0.0012	0.0365	-2.8345	3.0514	0.4140	-3.7847	4.4600
	0.0008	0.0943	0.0009	0.0225	3.5729	9.5890	2.1195	2.9644	102.0000
	0.0017	0.1025	0.0015	0.0277	1.7162	5.5651	1.2663	1.5408	66.2000
	0.0019	0.1181	0.0008	0.0319	-2.8410	4.9900	-0.1510	-5.4641	31.7000
	0.0033	0.1212	0.0013	0.0382	-2.9335	2.4975	0.5012	-3.3413	0.7830

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Table S1 – *Continued from previous page*

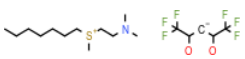
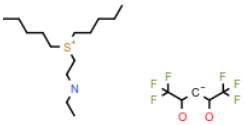
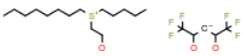
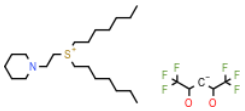
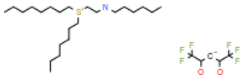
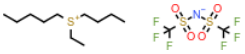
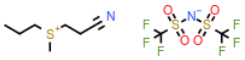
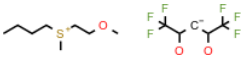
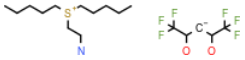
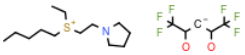
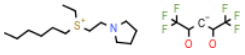
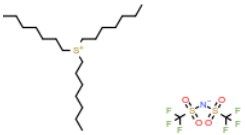
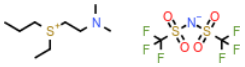
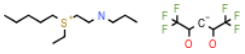
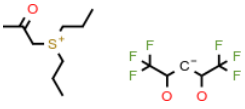
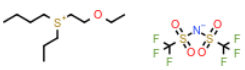
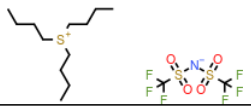
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0023	0.1098	0.0010	0.0320	-2.2365	4.2255	0.4210	-3.4402	13.9000
	0.0027	0.1202	0.0011	0.0362	-2.7468	3.4067	0.3238	-3.8760	3.2600
	0.0028	0.0936	0.0012	0.0314	-1.8437	3.2729	0.7573	-1.2035	1.7700
	0.0037	0.1177	0.0013	0.0397	-2.9076	2.1876	0.5686	-2.8300	0.2140
	0.0040	0.1132	0.0013	0.0409	-2.9882	2.0418	0.5449	-2.7263	0.0172
	0.0025	0.1103	0.0016	0.0373	1.8811	3.7961	3.1344	4.8088	14.9000
	0.0009	0.0960	0.0009	0.0227	0.1086	8.6715	0.9830	-1.0324	226.0000
	0.0008	0.0896	0.0008	0.0216	3.4444	9.6225	1.9998	2.5083	96.8000
	0.0017	0.1149	0.0009	0.0274	-1.8877	5.3739	0.3257	-3.8847	88.3000
	0.0022	0.1176	0.0009	0.0342	-3.0549	4.2645	-0.0720	-5.2074	10.2000
	0.0021	0.1151	0.0016	0.0345	2.0994	4.5728	3.0066	4.5087	39.0000
	0.0024	0.1267	0.0010	0.0351	-2.5906	3.8396	0.3002	-4.0628	20.1000
	0.0026	0.1225	0.0011	0.0354	-2.5870	3.6619	0.3498	-3.7978	13.1000
	0.0041	0.0947	0.0019	0.0430	1.6432	1.8853	3.5150	6.5103	0.0584
	0.0020	0.1149	0.0015	0.0349	1.3082	4.8794	2.5973	3.3352	44.7000
	0.0024	0.1233	0.0010	0.0342	-2.5471	4.0226	0.2790	-4.0945	11.0000
	0.0015	0.1056	0.0009	0.0248	-1.3732	6.0251	0.4035	-3.1430	72.5000
	0.0024	0.1139	0.0017	0.0362	1.8483	4.1162	2.9705	4.4847	15.7000
	0.0028	0.1087	0.0017	0.0390	1.7962	3.3594	3.2217	5.1092	8.6200

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Table S1 – *Continued from previous page*

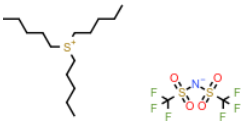
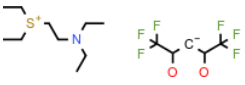
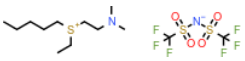
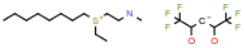
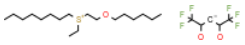
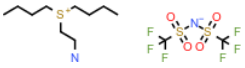
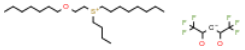
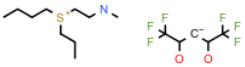
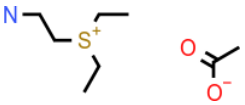
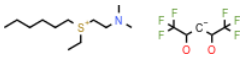
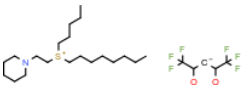
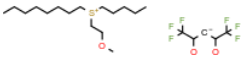
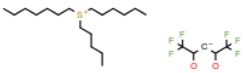
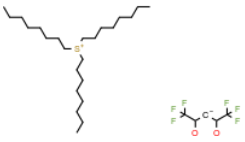
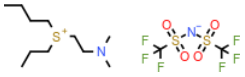
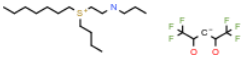
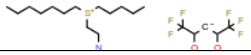
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0033	0.1030	0.0018	0.0407	1.6769	2.7424	3.3102	5.5341	1.8100
	0.0021	0.1283	0.0010	0.0319	-2.3303	4.4880	0.2890	-4.1180	48.9000
	0.0021	0.1136	0.0015	0.0357	2.0535	4.5501	2.9835	4.3862	90.3000
	0.0024	0.1123	0.0016	0.0373	1.0508	4.1096	2.6697	3.5531	15.8000
	0.0025	0.1209	0.0010	0.0348	-2.6518	3.8284	0.2703	-4.0652	6.3300
	0.0034	0.1172	0.0013	0.0376	-2.8202	2.4952	0.5700	-2.9338	0.4500
	0.0022	0.1039	0.0014	0.0370	1.4145	4.4950	2.7173	3.5891	23.3000
	0.0038	0.1128	0.0014	0.0389	-2.8664	2.0619	0.6398	-2.5103	0.0878
	0.0022	0.1300	0.0010	0.0326	-2.5031	4.2388	0.2872	-4.3429	41.2000
	0.0020	0.1252	0.0009	0.0328	-2.4200	4.6063	0.1733	-4.4492	34.9000
	0.0020	0.3355	0.0007	0.0328	-9.7361	3.2279	-4.5012	-21.4993	1850.0000
	0.0024	0.1251	0.0011	0.0347	-2.5054	3.8975	0.3487	-3.8678	13.8000
	0.0036	0.1188	0.0013	0.0394	-2.8979	2.3144	0.5429	-2.9823	0.3910
	0.0030	0.1208	0.0012	0.0361	-2.6913	3.0113	0.5061	-3.2245	1.3400
	0.0035	0.1199	0.0013	0.0387	-2.9469	2.3507	0.5304	-3.1828	0.4340
	0.0042	0.1125	0.0014	0.0406	-2.9612	1.7003	0.6825	-2.3283	0.0120
	0.0020	0.1309	0.0010	0.0310	-2.3000	4.6633	0.2762	-4.2561	67.0000
	0.0025	0.1133	0.0016	0.0383	0.9135	3.9669	2.6832	3.5571	14.9000
	0.0031	0.1204	0.0012	0.0380	-2.8670	2.9609	0.3851	-3.6162	1.0700
	0.0025	0.1169	0.0010	0.0359	-3.2433	3.7301	-0.0246	-5.0095	3.1900

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Table S1 – *Continued from previous page*

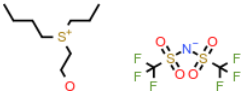
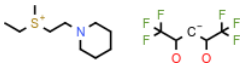
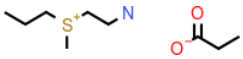
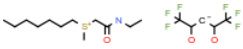
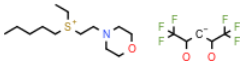
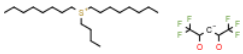
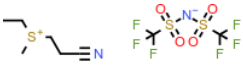
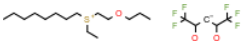
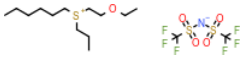
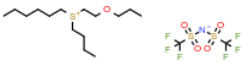
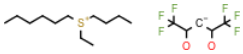
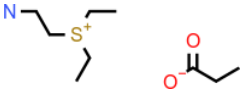
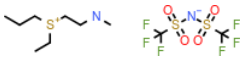
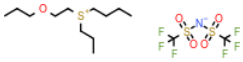
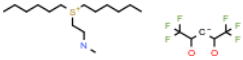
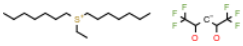
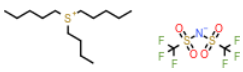
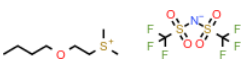
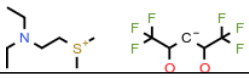
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0017	0.1038	0.0013	0.0291	2.2450	5.6733	2.6927	3.5003	58.0000
	0.0019	0.1021	0.0015	0.0293	1.5373	5.0505	1.3183	1.6583	39.5000
	0.0018	0.1124	0.0008	0.0283	-1.9291	5.2218	0.3271	-3.8303	120.0000
	0.0016	0.2040	0.0005	0.0241	-8.4425	4.8063	-4.1843	-19.2610	1380.0000
	0.0020	0.0937	0.0010	0.0277	-1.5255	4.9946	0.5585	-2.4264	7.5100
	0.0022	0.1315	0.0010	0.0336	-2.3212	4.3334	0.3179	-3.9222	15.5000
	0.0038	0.1169	0.0013	0.0393	-2.9497	2.1029	0.5897	-2.8500	0.1320
	0.0006	0.0848	0.0007	0.0184	4.0560	10.9127	1.9607	2.6982	153.0000
	0.0030	0.1219	0.0012	0.0359	-2.7438	3.0165	0.4750	-3.4081	2.8900
	0.0028	0.1110	0.0018	0.0381	1.6999	3.5375	3.0519	4.7709	5.4400
	0.0031	0.1073	0.0018	0.0396	1.6079	3.0303	3.1407	5.1178	1.8100
	0.0020	0.1081	0.0015	0.0331	2.0660	4.7607	2.8987	4.1315	38.4000
	0.0025	0.1271	0.0011	0.0344	-2.6795	3.6278	0.3574	-4.0624	13.8000
	0.0018	0.2900	0.0006	0.0284	-9.2462	4.0193	-4.4888	-20.8623	1370.0000
	0.0018	0.1150	0.0014	0.0329	0.0716	5.5119	1.9184	1.2804	60.6000
	0.0027	0.1098	0.0018	0.0381	1.7993	3.4899	3.1452	4.9731	10.2000
	0.0029	0.1195	0.0011	0.0370	-2.7960	3.2214	0.3438	-3.7535	2.0000
	0.0020	0.1138	0.0009	0.0296	-2.1919	4.6848	0.3689	-3.9103	39.0000
	0.0031	0.1215	0.0012	0.0371	-2.8563	2.7608	0.4869	-3.4362	1.4000
	0.0031	0.1051	0.0018	0.0403	1.7094	2.9157	3.2887	5.4100	3.0600
	0.0017	0.1055	0.0013	0.0290	2.2276	5.6003	2.6805	3.5700	53.2000
	0.0015	0.1009	0.0008	0.0249	-1.5421	6.0482	0.3341	-3.6998	130.0000

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Table S1 – *Continued from previous page*

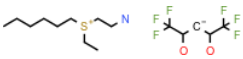
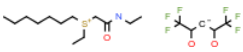
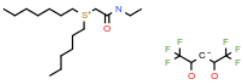
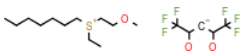
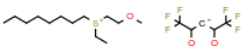
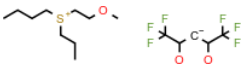
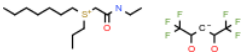
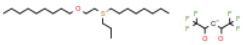
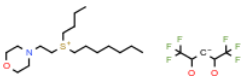
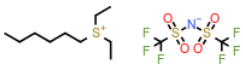
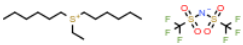
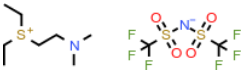
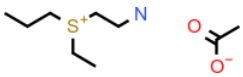
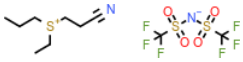
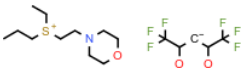
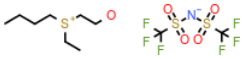
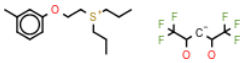
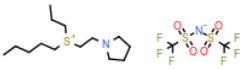
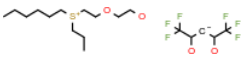
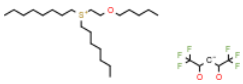
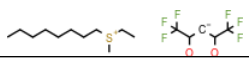
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0018	0.1145	0.0008	0.0309	-2.7244	5.1703	-0.1294	-5.3534	32.3000
	0.0022	0.1014	0.0010	0.0302	-1.7471	4.4808	0.5624	-2.4150	4.5500
	0.0029	0.0987	0.0012	0.0337	-2.0306	3.3954	0.6868	-1.8449	0.4570
	0.0023	0.1257	0.0011	0.0327	-2.4268	4.0385	0.3854	-3.7770	12.5000
	0.0025	0.1231	0.0011	0.0332	-2.4687	3.8148	0.4238	-3.6019	7.7600
	0.0020	0.1274	0.0010	0.0309	-2.2313	4.6526	0.3110	-4.0108	42.3000
	0.0024	0.1005	0.0011	0.0314	-1.8472	4.1095	0.5971	-2.2399	2.6500
	0.0040	0.1132	0.0014	0.0394	-2.8856	1.9624	0.6546	-2.4409	0.0488
	0.0029	0.1260	0.0012	0.0370	-2.5793	3.3018	0.4436	-3.3458	1.6700
	0.0023	0.1119	0.0016	0.0354	2.0008	4.2831	3.0564	4.5515	24.7000
	0.0030	0.1054	0.0017	0.0395	1.7169	3.0325	3.2557	5.2857	3.0100
	0.0013	0.1001	0.0011	0.0260	0.9191	6.9106	1.8761	1.3349	94.9000
	0.0018	0.1166	0.0014	0.0333	1.5878	5.3446	2.6083	3.3684	64.5000
	0.0020	0.3277	0.0006	0.0309	-9.5116	3.5515	-4.5514	-21.3075	1050.0000
	0.0010	0.0981	0.0010	0.0257	3.0666	8.4801	2.1718	2.8599	63.3000
	0.0019	0.1316	0.0009	0.0309	-2.0253	5.1246	0.2548	-4.0618	50.8000
	0.0017	0.1020	0.0015	0.0272	1.7494	5.6824	1.2581	1.4848	66.9000
	0.0022	0.1188	0.0013	0.0339	-1.9086	4.7349	0.5268	-2.8992	11.1000
	0.0028	0.1105	0.0017	0.0403	0.4355	3.3635	2.6335	3.4408	7.7300
	0.0022	0.1039	0.0011	0.0296	-1.6116	4.3594	0.5802	-1.9289	6.5000
	0.0040	0.1124	0.0014	0.0394	-2.8839	1.9364	0.6613	-2.3923	0.0469
	0.0022	0.1134	0.0009	0.0307	-2.3071	4.3329	0.4034	-3.7914	22.4000

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Table S1 – *Continued from previous page*

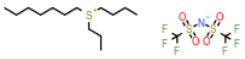
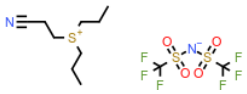
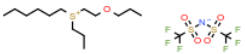
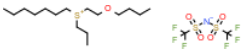
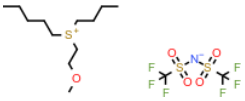
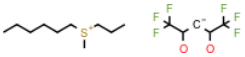
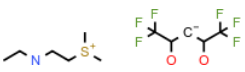
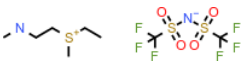
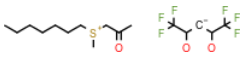
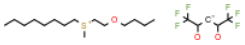
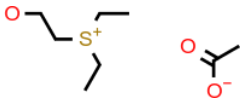
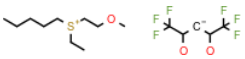
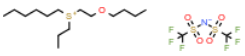
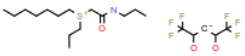
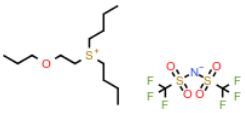
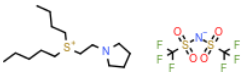
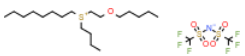
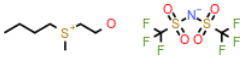
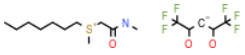
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0031	0.1054	0.0018	0.0400	1.7141	2.9454	3.2844	5.3874	3.0300
	0.0015	0.1056	0.0013	0.0274	2.4342	6.1461	2.6297	3.4931	84.3000
	0.0012	0.1006	0.0010	0.0286	2.6740	7.5851	2.2198	2.8283	39.0000
	0.0031	0.1066	0.0018	0.0395	1.7056	3.0204	3.2221	5.2864	3.4000
	0.0033	0.1059	0.0018	0.0401	1.5666	2.8458	3.1744	5.2541	1.0100
	0.0026	0.1116	0.0017	0.0369	1.7680	3.8132	3.0158	4.6310	8.5400
	0.0020	0.1148	0.0009	0.0302	-2.2487	4.5370	0.3647	-3.9057	38.4000
	0.0011	0.0975	0.0006	0.0217	-1.0802	7.5584	0.1483	-4.1122	239.0000
	0.0012	0.1037	0.0011	0.0256	0.9455	7.4200	1.7614	1.1761	167.0000
	0.0018	0.1005	0.0009	0.0260	-1.6019	5.4006	0.4994	-2.9802	20.6000
	0.0029	0.1112	0.0012	0.0342	-2.5624	3.2125	0.5422	-3.0645	2.5200
	0.0017	0.2543	0.0007	0.0227	-7.8363	4.1482	-3.6149	-17.4926	1040.0000
	0.0020	0.1273	0.0010	0.0307	-2.2089	4.7107	0.3172	-4.0064	38.7000
	0.0031	0.1073	0.0018	0.0395	1.6099	3.0536	3.1330	5.0938	1.8000
	0.0026	0.0993	0.0011	0.0322	-1.9167	3.8414	0.6306	-2.0949	1.4800
	0.0028	0.1100	0.0018	0.0381	1.6973	3.4986	3.0566	4.7966	5.5400
	0.0030	0.1091	0.0017	0.0413	0.4659	3.1003	2.7130	3.7206	4.2800
	0.0037	0.1013	0.0019	0.0416	1.5270	2.3734	3.2701	5.7038	0.1880
	0.0014	0.0972	0.0013	0.0240	1.9745	6.4906	1.1845	1.1609	97.1000
	0.0018	0.0925	0.0009	0.0266	-1.3312	5.4524	0.5303	-2.4705	13.0000
	0.0025	0.1109	0.0017	0.0364	1.8844	3.9266	3.0540	4.6706	18.6000

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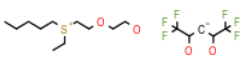
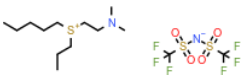
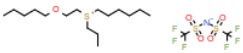
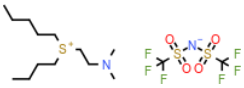
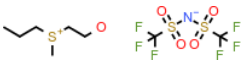
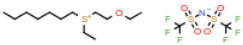
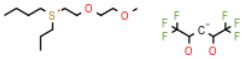
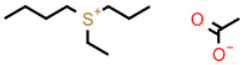
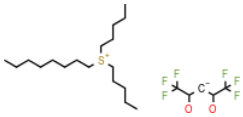
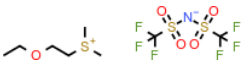
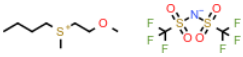
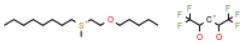
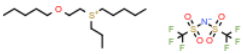
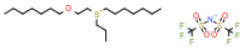
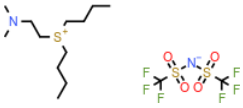
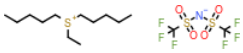
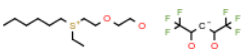
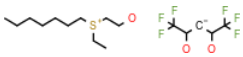
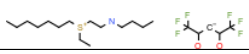
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0019	0.1058	0.0010	0.0273	-1.4319	5.1235	0.4873	-2.3630	19.4000
	0.0027	0.1113	0.0017	0.0391	0.9926	3.6749	2.7704	3.8637	9.1100
	0.0034	0.1032	0.0018	0.0405	1.6491	2.6521	3.2836	5.5820	1.1200
	0.0028	0.1098	0.0017	0.0400	0.8429	3.4017	2.7707	3.9035	5.2800
	0.0012	0.0966	0.0012	0.0221	2.2779	7.2078	1.1404	1.1761	155.0000
	0.0012	0.0978	0.0008	0.0215	-0.9597	7.0066	0.3914	-3.1413	110.0000
	0.0027	0.1115	0.0017	0.0376	1.7153	3.6097	3.0467	4.7322	4.9000
	0.0024	0.1348	0.0012	0.0341	-2.4930	3.9606	0.3328	-3.9380	13.8000
	0.0022	0.4312	0.0007	0.0299	-9.7443	3.4163	-4.8050	-22.0735	411.0000
	0.0027	0.1249	0.0011	0.0350	-2.7111	3.4140	0.3974	-3.8680	7.9000
	0.0035	0.1201	0.0013	0.0387	-2.9470	2.3519	0.5297	-3.1842	0.4380
	0.0013	0.1058	0.0012	0.0255	2.7359	6.8540	2.5952	3.5285	128.0000
	0.0014	0.1094	0.0008	0.0244	-1.3428	6.4325	0.3474	-3.5378	83.4000
	0.0018	0.1095	0.0015	0.0310	2.2280	5.2679	2.8082	4.0025	50.3000
	0.0030	0.1092	0.0012	0.0347	-2.5838	3.0361	0.5779	-2.8881	1.3700
	0.0032	0.1048	0.0018	0.0401	1.6741	2.8212	3.2563	5.4412	2.0600
	0.0038	0.0991	0.0019	0.0419	1.6252	2.1965	3.3959	6.0830	0.2100
	0.0027	0.1113	0.0017	0.0391	0.7977	3.6753	2.6876	3.6351	9.1600
	0.0027	0.1086	0.0017	0.0381	1.8141	3.5182	3.1755	4.9599	9.0600
	0.0022	0.1079	0.0011	0.0295	-1.7105	4.3950	0.5398	-2.2496	9.6300
	0.0021	0.0956	0.0010	0.0276	-1.5242	4.4524	0.6259	-1.7878	17.0000
	0.0028	0.1201	0.0011	0.0367	-2.7819	3.2743	0.3608	-3.7384	1.9500

Continued on next page

Table S1 – *Continued from previous page*

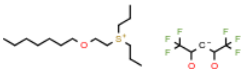
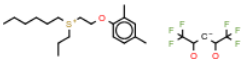
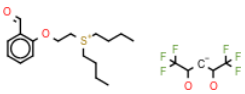
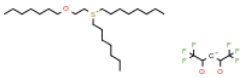
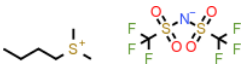
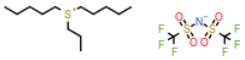
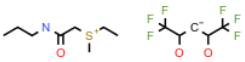
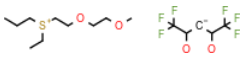
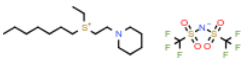
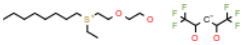
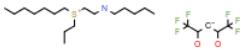
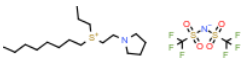
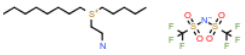
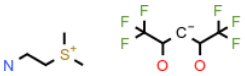
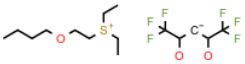
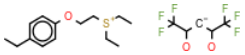
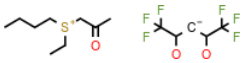
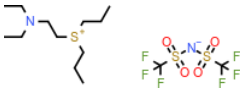
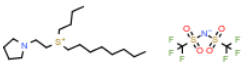
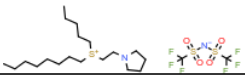
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0030	0.1224	0.0012	0.0363	-2.7758	2.9482	0.4659	-3.4324	3.1300
	0.0029	0.1206	0.0014	0.0395	-2.4200	3.4689	0.5953	-2.8175	1.4400
	0.0025	0.1322	0.0014	0.0362	-2.1672	4.2140	0.5020	-3.0621	4.8600
	0.0042	0.1108	0.0014	0.0401	-2.8879	1.7532	0.7034	-2.1548	0.0144
	0.0013	0.1032	0.0011	0.0255	2.7397	6.9047	2.6049	3.4176	150.0000
	0.0029	0.1069	0.0017	0.0394	1.7500	3.1575	3.2462	5.2278	5.2200
	0.0013	0.0918	0.0007	0.0222	-0.7666	7.0046	0.4111	-2.7577	68.2000
	0.0021	0.1257	0.0011	0.0312	-2.2212	4.5630	0.3436	-3.8498	31.0000
	0.0032	0.1060	0.0017	0.0403	1.1801	2.9497	3.0152	4.7032	2.9900
	0.0024	0.1047	0.0011	0.0306	-1.7759	3.9830	0.6062	-1.9200	3.6900
	0.0032	0.1194	0.0012	0.0383	-2.8361	2.8316	0.4347	-3.4084	0.6080
	0.0032	0.1057	0.0017	0.0417	0.4291	2.8936	2.6990	3.8285	1.8400
	0.0031	0.0983	0.0016	0.0415	1.5452	3.0245	3.1225	4.9382	1.5000
	0.0006	0.0776	0.0004	0.0158	-0.1539	10.3771	-0.1686	-4.4381	690.0000
	0.0019	0.1209	0.0010	0.0294	-2.0848	4.8972	0.3572	-3.8336	27.6000
	0.0021	0.1276	0.0012	0.0342	-1.9695	4.9561	0.4455	-3.3998	18.4000
	0.0015	0.1099	0.0009	0.0248	-1.4087	6.1350	0.3764	-3.3635	69.0000
	0.0028	0.1121	0.0017	0.0390	1.0734	3.5073	2.8840	4.2097	10.8000
	0.0026	0.1220	0.0011	0.0357	-2.6918	3.6657	0.2820	-4.0380	6.3000
	0.0034	0.1041	0.0017	0.0423	0.4067	2.6942	2.7408	4.0095	1.0500
	0.0038	0.0985	0.0018	0.0431	1.6035	2.1868	3.4074	6.0356	0.6240

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Table S1 – *Continued from previous page*

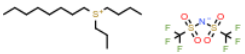
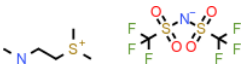
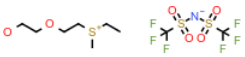
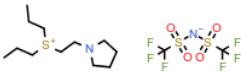
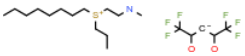
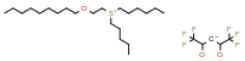
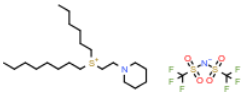
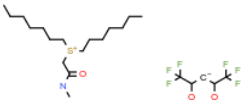
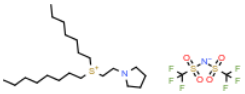
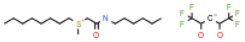
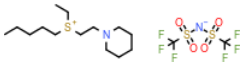
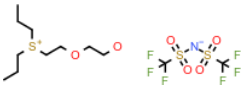
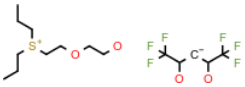
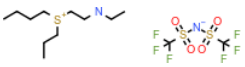
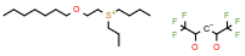
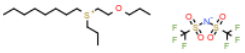
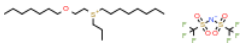
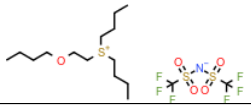
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0033	0.1037	0.0018	0.0406	1.6883	2.7506	3.3233	5.5557	1.7000
	0.0010	0.0969	0.0009	0.0224	1.5551	8.3609	1.7841	1.3495	213.0000
	0.0012	0.1048	0.0007	0.0222	-1.1847	6.9830	0.2860	-3.8132	245.0000
	0.0014	0.1043	0.0013	0.0242	2.2492	6.8145	1.4353	1.8503	143.0000
	0.0025	0.1131	0.0016	0.0385	0.6319	3.9178	2.5706	3.2138	22.4000
	0.0027	0.1207	0.0011	0.0362	-2.7392	3.4636	0.3123	-3.8977	3.5600
	0.0040	0.1135	0.0014	0.0397	-2.9063	1.9102	0.6523	-2.4420	0.0466
	0.0040	0.0984	0.0018	0.0432	1.1390	2.0745	3.2311	5.6384	0.1630
	0.0028	0.0940	0.0011	0.0328	-1.8677	3.6035	0.6845	-1.7034	0.5050
	0.0039	0.1000	0.0018	0.0438	0.1894	2.1426	2.8521	4.4726	0.1390
	0.0009	0.0921	0.0010	0.0184	2.8385	8.8036	1.2919	1.6483	158.0000
	0.0027	0.0919	0.0011	0.0319	-1.9087	3.6602	0.7098	-1.8193	0.4320
	0.0029	0.1095	0.0017	0.0393	1.2292	3.3577	2.9474	4.3896	8.7300
	0.0019	0.1086	0.0016	0.0303	1.4984	5.1795	1.5572	2.2068	25.7000
	0.0018	0.1068	0.0010	0.0269	-1.3540	5.2321	0.4715	-2.3030	34.6000
	0.0024	0.1122	0.0016	0.0377	0.2257	4.1089	2.3493	2.5399	13.2000
	0.0032	0.1197	0.0013	0.0368	-2.7959	2.7663	0.5024	-3.2474	1.7000
	0.0032	0.1059	0.0018	0.0400	1.5778	2.8742	3.1646	5.2283	1.0400
	0.0039	0.0976	0.0019	0.0421	1.6140	2.0949	3.4097	6.1790	0.1130
	0.0030	0.1088	0.0018	0.0391	1.6442	3.2101	3.1144	5.0007	2.9700

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Table S1 – *Continued from previous page*

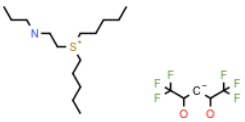
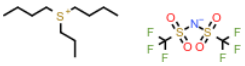
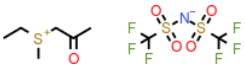
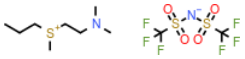
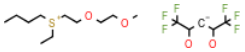
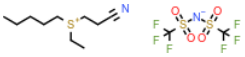
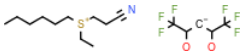
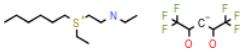
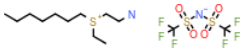
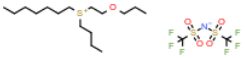
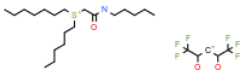
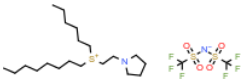
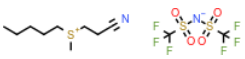
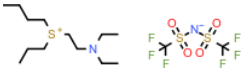
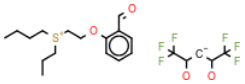
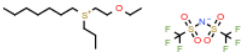
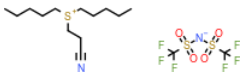
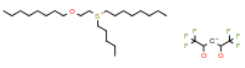
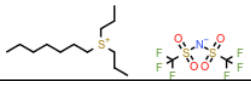
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1219	0.0011	0.0373	-2.8251	3.1596	0.3484	-3.7746	1.9600
	0.0026	0.1106	0.0017	0.0380	1.8645	3.6570	3.1766	4.9381	14.5000
	0.0011	0.0999	0.0007	0.0208	-0.8358	7.4731	0.3386	-3.3585	116.0000
	0.0009	0.1004	0.0011	0.0200	3.3808	8.6185	2.3334	3.3131	152.0000
	0.0017	0.1086	0.0013	0.0309	1.5613	5.7062	2.4046	2.8784	68.7000
	0.0023	0.1139	0.0015	0.0357	1.5897	4.3626	2.8279	3.9620	42.8000
	0.0023	0.1248	0.0011	0.0323	-2.3377	4.2010	0.3781	-3.7287	17.5000
	0.0014	0.1015	0.0011	0.0300	2.4164	7.0418	2.2470	2.7464	23.3000
	0.0014	0.0975	0.0007	0.0286	-1.1089	6.5659	0.4489	-2.9903	21.8000
	0.0024	0.1244	0.0010	0.0344	-2.5768	4.0066	0.2668	-4.1465	10.8000
	0.0023	0.1034	0.0014	0.0376	1.6717	4.1695	2.8907	4.0905	13.4000
	0.0033	0.1058	0.0018	0.0402	1.5643	2.8373	3.1714	5.2540	1.0400
	0.0033	0.0973	0.0013	0.0355	-2.1359	2.8602	0.7606	-1.4586	0.0782
	0.0039	0.0972	0.0018	0.0434	1.6054	2.0832	3.4250	6.1568	0.3420
	0.0011	0.0948	0.0010	0.0263	2.6547	7.9110	2.0850	2.3151	36.6000
	0.0029	0.1098	0.0017	0.0397	0.9530	3.2730	2.8860	4.2444	5.9600
	0.0023	0.1327	0.0014	0.0350	-2.0478	4.5563	0.4738	-3.1487	8.9900
	0.0029	0.1095	0.0018	0.0388	1.6336	3.2822	3.0912	4.9168	3.1400
	0.0019	0.1033	0.0013	0.0356	1.8000	5.4291	2.3793	2.9516	4.7900
	0.0041	0.1136	0.0014	0.0402	-2.8947	1.8886	0.6635	-2.3611	0.0421
	0.0029	0.1075	0.0017	0.0394	1.7619	3.1817	3.2526	5.2334	5.0900

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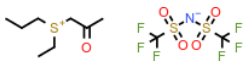
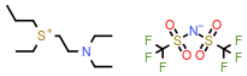
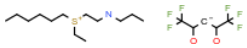
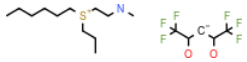
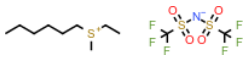
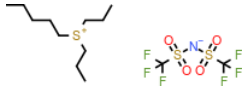
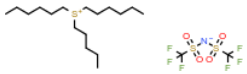
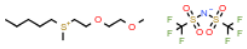
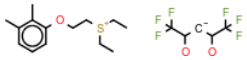
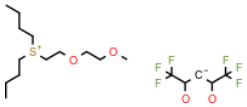
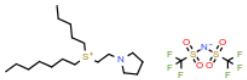
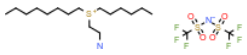
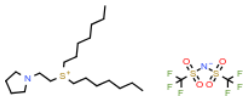
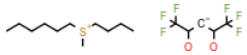
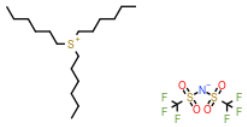
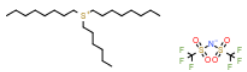
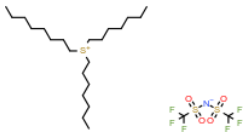
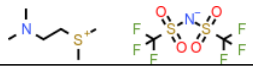
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0007	0.0849	0.0007	0.0184	0.8413	10.1025	0.9628	-0.7680	327.0000
	0.0014	0.1095	0.0014	0.0262	2.6589	6.7011	2.5347	3.5977	67.1000
	0.0025	0.1130	0.0016	0.0370	1.1973	3.9940	2.7761	3.8924	19.5000
	0.0025	0.1187	0.0010	0.0345	-2.5842	3.8250	0.3091	-3.9164	6.3300
	0.0024	0.1230	0.0010	0.0347	-2.6196	3.9517	0.2452	-4.1846	11.1000
	0.0020	0.1083	0.0014	0.0323	2.1071	4.9373	2.8721	4.0294	38.4000
	0.0026	0.1108	0.0017	0.0379	1.8741	3.6984	3.1693	4.9143	14.8000
	0.0036	0.1002	0.0018	0.0417	1.6523	2.3829	3.4012	5.9108	0.5650
	0.0022	0.1153	0.0016	0.0343	1.9368	4.6396	2.8547	4.1868	16.5000
	0.0020	0.1305	0.0012	0.0344	-1.9156	5.0882	0.4232	-3.4205	25.6000
	0.0025	0.1360	0.0012	0.0354	-2.5692	3.7991	0.3508	-3.9091	12.5000
	0.0035	0.1042	0.0018	0.0427	0.2923	2.5813	2.7675	4.0416	0.9040
	0.0032	0.0971	0.0016	0.0419	1.4929	2.8452	3.1390	5.0416	0.8500
	0.0038	0.1010	0.0018	0.0435	0.3201	2.2701	2.8586	4.4350	0.2510
	0.0022	0.1144	0.0010	0.0314	-2.3716	4.1654	0.3979	-3.7874	22.1000
	0.0037	0.0988	0.0018	0.0420	1.6400	2.2510	3.4204	6.0379	0.3320
	0.0042	0.0937	0.0019	0.0433	1.6567	1.7771	3.5563	6.6838	0.0323
	0.0042	0.0936	0.0019	0.0433	1.6528	1.7811	3.5484	6.6674	0.0327
	0.0012	0.1010	0.0011	0.0245	2.1191	7.4302	2.1715	2.3811	172.0000

Continued on next page

Table S1 – *Continued from previous page*

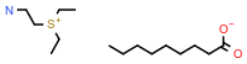
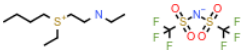
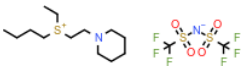
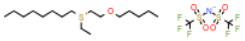
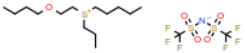
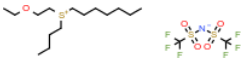
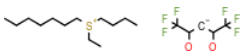
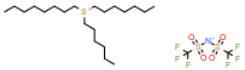
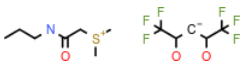
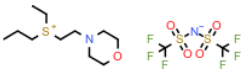
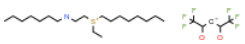
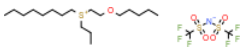
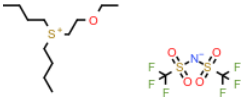
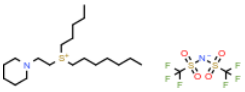
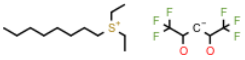
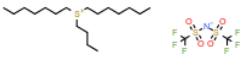
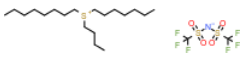
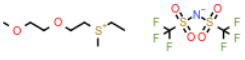
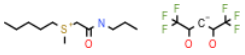
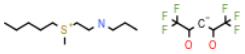
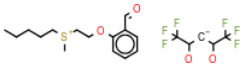
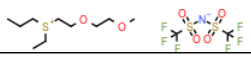
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0021	0.2328	0.0006	0.0264	-8.8549	4.1030	-4.3619	-19.4588	71.5000
	0.0022	0.1137	0.0015	0.0360	0.2373	4.5547	2.2485	2.2151	21.2000
	0.0026	0.1105	0.0016	0.0380	1.2087	3.7159	2.8187	4.0239	17.2000
	0.0035	0.1020	0.0018	0.0407	1.6321	2.5524	3.2997	5.6527	0.6810
	0.0031	0.1066	0.0018	0.0396	1.7082	3.0094	3.2308	5.3052	3.5100
	0.0031	0.1077	0.0018	0.0396	1.6204	3.0389	3.1469	5.1359	1.7700
	0.0027	0.1259	0.0011	0.0353	-2.7431	3.3627	0.3919	-3.9030	7.7000
	0.0041	0.0950	0.0019	0.0431	1.6517	1.8709	3.5329	6.5536	0.0573
	0.0010	0.0836	0.0007	0.0194	-0.3969	7.8657	0.3948	-2.7740	102.0000
	0.0020	0.1197	0.0015	0.0344	1.4581	4.9976	2.4995	3.1622	31.5000
	0.0034	0.1145	0.0012	0.0385	-2.8625	2.6195	0.4802	-3.1209	0.2000
	0.0035	0.1028	0.0018	0.0410	1.5317	2.5399	3.2277	5.5164	0.3360
	0.0026	0.1123	0.0017	0.0374	1.7659	3.7749	3.0232	4.6601	9.3100
	0.0037	0.1015	0.0018	0.0426	1.0077	2.3380	3.1318	5.2020	0.5240
	0.0024	0.1250	0.0011	0.0336	-2.5969	3.7837	0.3730	-3.9917	13.7000
	0.0037	0.0991	0.0018	0.0421	1.6442	2.2469	3.4289	6.0596	0.3250
	0.0038	0.0975	0.0018	0.0424	1.6376	2.1289	3.4491	6.1862	0.1870
	0.0014	0.1030	0.0011	0.0275	1.4364	6.4984	2.1612	2.1496	147.0000
	0.0015	0.1087	0.0014	0.0276	2.4756	6.2995	2.6002	3.6080	47.8000
	0.0018	0.0940	0.0009	0.0269	-1.4125	5.3525	0.5200	-2.5418	13.4000
	0.0021	0.1112	0.0009	0.0314	-2.2673	4.5438	0.3127	-3.8950	17.3000
	0.0020	0.1232	0.0013	0.0317	-1.7435	5.1936	0.4946	-3.0225	13.7000
	0.0022	0.1143	0.0016	0.0348	1.8627	4.4682	2.8661	4.2027	19.1000

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Table S1 – *Continued from previous page*

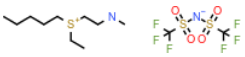
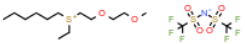
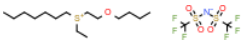
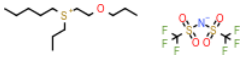
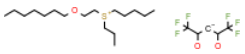
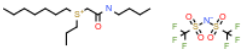
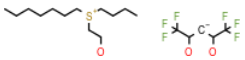
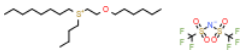
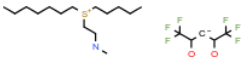
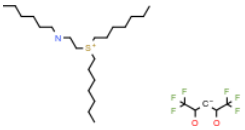
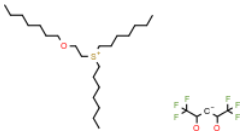
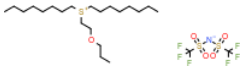
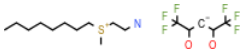
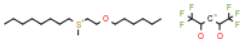
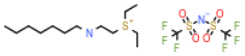
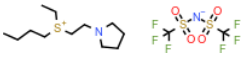
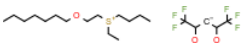
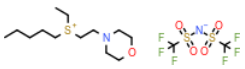
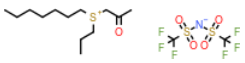
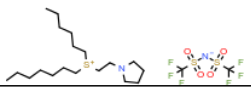
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0023	0.1081	0.0015	0.0365	1.8646	4.2807	2.9333	4.2708	23.0000
	0.0028	0.1102	0.0018	0.0380	1.6162	3.5131	3.0005	4.6532	3.7100
	0.0031	0.1077	0.0018	0.0392	1.6157	3.1214	3.1255	5.0395	1.7000
	0.0029	0.1083	0.0018	0.0389	1.7481	3.2380	3.1860	5.1384	6.0500
	0.0033	0.1195	0.0013	0.0375	-2.8389	2.5819	0.5265	-3.1305	0.9030
	0.0029	0.1015	0.0017	0.0368	1.1293	3.5585	2.3450	3.3509	0.6920
	0.0025	0.0939	0.0011	0.0297	-1.7239	3.7625	0.6948	-1.4897	5.9200
	0.0039	0.0972	0.0019	0.0422	1.6197	2.0594	3.4262	6.2341	0.1140
	0.0029	0.1204	0.0011	0.0372	-2.8612	3.2043	0.3185	-3.8510	1.9600
	0.0039	0.1140	0.0013	0.0407	-2.9770	2.1186	0.5405	-2.8023	0.0293
	0.0041	0.1103	0.0014	0.0396	-2.8613	1.8518	0.6910	-2.2070	0.0278
	0.0040	0.0990	0.0019	0.0424	1.5240	2.0992	3.3439	6.0362	0.0559
	0.0008	0.0816	0.0006	0.0159	0.2851	8.9601	0.3643	-2.1552	243.0000
	0.0019	0.1039	0.0008	0.0301	-2.6528	5.0499	-0.0244	-4.9324	16.9000
	0.0032	0.1089	0.0012	0.0355	-2.6323	2.8280	0.6051	-2.7597	0.7280
	0.0028	0.1066	0.0016	0.0390	1.7294	3.3874	3.1397	4.8861	6.4200
	0.0024	0.1130	0.0016	0.0379	0.5245	4.0537	2.5076	3.0140	25.5000
	0.0028	0.1215	0.0012	0.0352	-2.6159	3.2707	0.4826	-3.3334	2.6400
	0.0024	0.1176	0.0016	0.0371	1.2310	4.2111	2.6131	3.4474	10.2000
	0.0024	0.1078	0.0016	0.0339	1.7963	4.2646	2.7716	4.0858	4.9400
	0.0036	0.1024	0.0018	0.0430	0.2999	2.4459	2.8076	4.2426	0.5260

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Table S1 – *Continued from previous page*

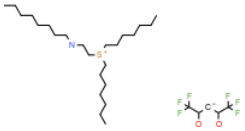
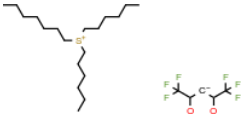
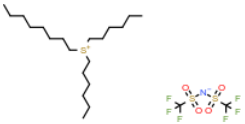
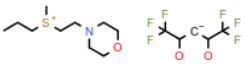
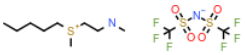
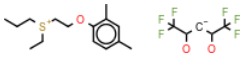
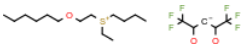
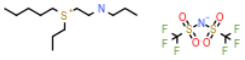
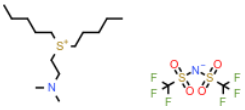
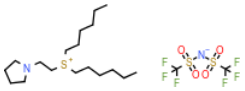
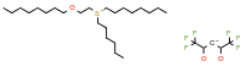
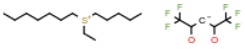
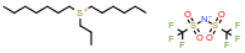
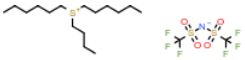
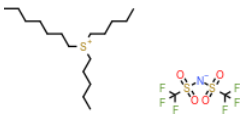
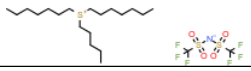
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0041	0.1113	0.0013	0.0411	-2.9725	1.9355	0.5844	-2.5306	0.0090
	0.0023	0.1121	0.0016	0.0362	1.9750	4.1319	3.0942	4.6658	24.7000
	0.0036	0.1189	0.0013	0.0392	-2.9623	2.2060	0.5566	-3.0337	0.2400
	0.0040	0.0962	0.0019	0.0428	1.6468	1.9834	3.5011	6.3978	0.1010
	0.0012	0.1006	0.0014	0.0215	2.6894	7.2894	2.2759	2.8857	71.5000
	0.0016	0.1160	0.0008	0.0272	-1.6056	5.8782	0.2801	-3.7528	82.3000
	0.0020	0.1047	0.0014	0.0335	1.9816	4.9015	2.7806	3.8183	35.3000
	0.0022	0.1237	0.0012	0.0353	-2.0743	4.6147	0.4914	-3.2441	9.1300
	0.0027	0.1231	0.0012	0.0346	-2.5685	3.4842	0.4500	-3.4786	4.6600
	0.0027	0.1092	0.0016	0.0392	-0.6202	3.5465	2.1296	1.8826	3.8100
	0.0030	0.1086	0.0017	0.0408	0.6664	3.1601	2.7882	3.9592	2.9800
	0.0034	0.1044	0.0017	0.0426	0.4354	2.6633	2.7824	4.0982	1.0000
	0.0042	0.1121	0.0014	0.0406	-2.8922	1.7685	0.6940	-2.1968	0.0196
	0.0028	0.1238	0.0011	0.0358	-2.7771	3.1574	0.4270	-3.7311	4.4700
	0.0034	0.1021	0.0018	0.0412	1.6669	2.5608	3.3623	5.7298	0.9870
	0.0034	0.1019	0.0018	0.0413	1.6676	2.5376	3.3737	5.7628	0.9810
	0.0036	0.1002	0.0018	0.0417	1.6538	2.3901	3.4027	5.9093	0.5690
	0.0038	0.0973	0.0018	0.0424	1.6386	2.1134	3.4570	6.2096	0.1830

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Table S1 – *Continued from previous page*

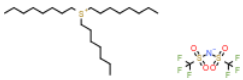
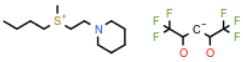
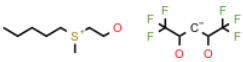
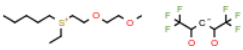
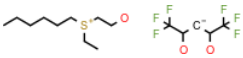
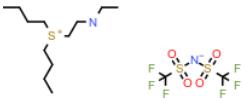
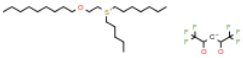
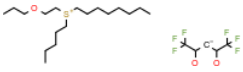
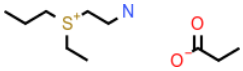
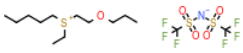
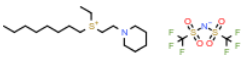
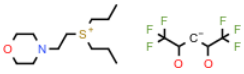
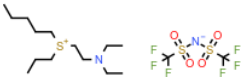
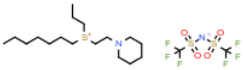
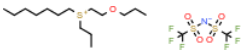
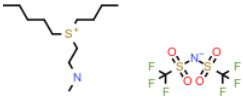
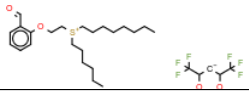
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0043	0.0924	0.0019	0.0435	1.6625	1.6854	3.5764	6.8147	0.0179
	0.0022	0.1134	0.0010	0.0315	-2.2808	4.2986	0.3858	-3.6861	39.7000
	0.0015	0.0884	0.0008	0.0226	-0.9485	5.9550	0.5422	-2.0119	77.2000
	0.0022	0.1349	0.0011	0.0334	-2.3626	4.3313	0.3253	-3.9611	24.6000
	0.0019	0.0959	0.0010	0.0265	-1.4056	4.8240	0.5908	-1.9109	29.9000
	0.0026	0.1113	0.0016	0.0386	-0.2408	3.8128	2.2163	2.1585	7.9900
	0.0041	0.1134	0.0014	0.0400	-2.9100	1.8159	0.6735	-2.3236	0.0242
	0.0034	0.1190	0.0013	0.0377	-2.7709	2.6135	0.5584	-2.9417	0.4470
	0.0042	0.0963	0.0018	0.0437	1.0695	1.8784	3.2612	5.8413	0.0527
	0.0018	0.1199	0.0014	0.0326	1.6510	5.4962	2.4614	3.0767	50.2000
	0.0025	0.1239	0.0011	0.0333	-2.4668	3.8352	0.4261	-3.6152	7.4400
	0.0019	0.2948	0.0006	0.0282	-9.2321	4.0165	-4.5473	-20.8862	779.0000
	0.0027	0.1096	0.0017	0.0376	1.8114	3.5866	3.1196	4.8853	10.3000
	0.0033	0.1044	0.0017	0.0407	1.0804	2.8186	2.9895	4.6927	1.9100
	0.0021	0.1336	0.0010	0.0330	-2.2564	4.5689	0.2796	-4.0512	27.6000
	0.0031	0.1082	0.0018	0.0405	0.9650	3.0146	2.9515	4.5146	3.5300
	0.0034	0.1043	0.0018	0.0414	1.1278	2.6751	3.0714	4.9382	1.7000
	0.0032	0.1047	0.0018	0.0400	1.6725	2.8353	3.2517	5.4193	2.0200
	0.0026	0.1100	0.0016	0.0387	-0.3006	3.8168	2.1869	2.0557	7.4400
	0.0034	0.1238	0.0016	0.0402	-2.5056	2.9149	0.6692	-2.3724	0.1470

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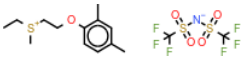
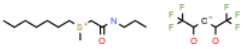
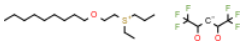
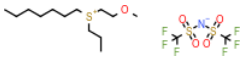
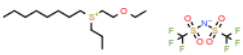
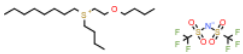
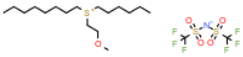
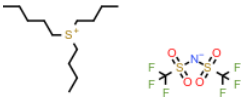
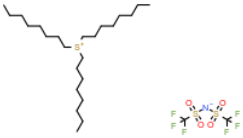
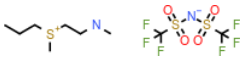
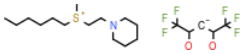
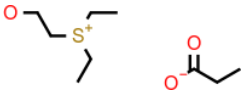
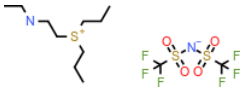
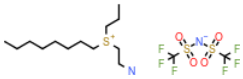
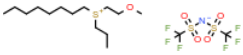
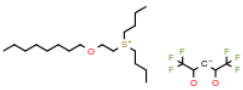
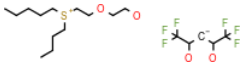
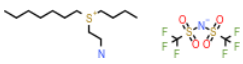
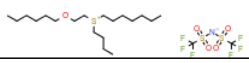
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0027	0.1089	0.0017	0.0380	1.8191	3.5228	3.1822	4.9697	8.5000
	0.0018	0.1147	0.0016	0.0340	2.3635	5.7209	2.7016	3.9165	27.9000
	0.0021	0.0931	0.0010	0.0287	-1.6274	4.6571	0.5899	-2.2970	4.3400
	0.0031	0.1203	0.0012	0.0365	-2.7741	2.8493	0.5056	-3.2691	1.6700
	0.0027	0.1103	0.0017	0.0375	1.7114	3.5798	3.0506	4.7512	5.0000
	0.0031	0.1078	0.0018	0.0394	1.6176	3.0849	3.1325	5.0803	1.8000
	0.0036	0.1028	0.0019	0.0412	1.5370	2.5146	3.2402	5.5591	0.3330
	0.0033	0.1039	0.0018	0.0401	1.5500	2.7517	3.1828	5.3143	0.5670
	0.0030	0.1071	0.0017	0.0397	1.7504	3.1143	3.2672	5.2869	5.0700
	0.0045	0.0914	0.0019	0.0437	1.6786	1.5959	3.6138	6.9776	0.0099
	0.0015	0.0925	0.0008	0.0241	-1.0496	6.2735	0.4544	-2.6725	39.3000
	0.0015	0.1064	0.0012	0.0291	0.5511	6.3683	1.8812	1.2991	90.7000
	0.0025	0.1117	0.0010	0.0332	-2.4365	3.7254	0.4546	-3.9945	12.3000
	0.0016	0.2215	0.0006	0.0202	-7.3831	4.7790	-3.5477	-16.7784	786.0000
	0.0022	0.1130	0.0015	0.0361	-0.4535	4.4781	1.9761	1.3739	19.2000
	0.0028	0.1009	0.0015	0.0400	1.6052	3.4957	3.0284	4.5693	4.5100
	0.0029	0.1086	0.0017	0.0382	1.6550	3.3696	3.0718	4.8530	2.9800
	0.0035	0.1179	0.0013	0.0380	-2.8599	2.4236	0.5521	-2.9875	0.5400
	0.0022	0.1039	0.0011	0.0296	-1.6190	4.3377	0.5732	-1.9388	6.5800
	0.0028	0.1008	0.0015	0.0401	1.5607	3.4708	3.0182	4.5485	4.4700
	0.0038	0.0987	0.0019	0.0420	1.6230	2.1689	3.4036	6.1082	0.2050

Continued on next page

Table S1 – *Continued from previous page*

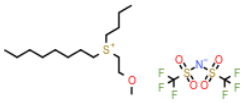
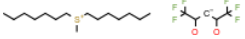
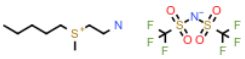
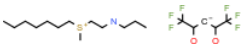
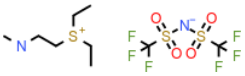
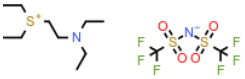
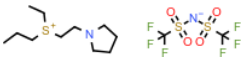
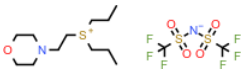
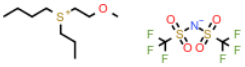
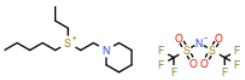
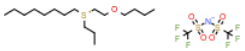
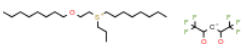
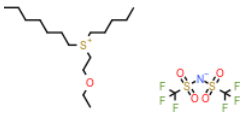
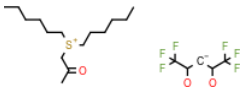
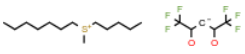
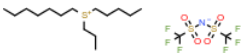
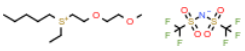
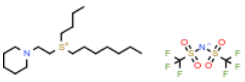
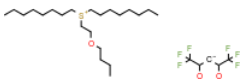
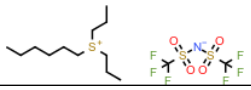
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0030	0.1068	0.0018	0.0390	1.6013	3.1244	3.1086	5.0085	1.7000
	0.0029	0.1104	0.0011	0.0345	-2.6197	3.1717	0.5288	-3.2056	2.3800
	0.0016	0.1001	0.0012	0.0316	1.6068	5.8106	2.4575	2.8651	59.8000
	0.0024	0.1102	0.0010	0.0332	-2.4631	3.9592	0.3698	-3.6702	5.6200
	0.0015	0.1128	0.0012	0.0301	0.4266	6.3337	1.8762	1.2842	109.0000
	0.0023	0.1149	0.0016	0.0356	1.4059	4.3838	2.7616	3.8211	29.9000
	0.0023	0.1145	0.0015	0.0368	0.6406	4.3617	2.4793	2.9223	38.4000
	0.0023	0.1193	0.0015	0.0366	1.2982	4.4503	2.5796	3.3519	17.7000
	0.0022	0.1141	0.0016	0.0345	1.9787	4.5494	2.9149	4.3242	25.6000
	0.0031	0.1080	0.0017	0.0405	1.0143	3.0379	2.9583	4.4704	5.0600
	0.0034	0.1044	0.0018	0.0406	1.5584	2.7008	3.1992	5.3831	0.5950
	0.0038	0.1139	0.0014	0.0390	-2.8738	2.0765	0.6340	-2.5500	0.0899
	0.0033	0.1060	0.0018	0.0402	1.5706	2.8423	3.1744	5.2629	1.0300
	0.0026	0.1088	0.0012	0.0321	-2.2202	3.7789	0.5778	-2.7303	2.3700
	0.0025	0.1120	0.0010	0.0331	-2.5181	3.6189	0.4654	-3.5011	7.4600
	0.0033	0.1039	0.0018	0.0407	1.6901	2.7325	3.3352	5.5866	1.7000
	0.0024	0.1183	0.0017	0.0368	1.8458	4.2355	2.9365	4.4226	15.8000
	0.0035	0.1025	0.0018	0.0419	1.1018	2.5322	3.0706	5.0217	1.0700
	0.0040	0.1131	0.0014	0.0396	-2.8796	1.9477	0.6617	-2.3907	0.0446
	0.0028	0.1090	0.0017	0.0387	1.8077	3.4173	3.2104	5.0710	8.6100

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Table S1 – *Continued from previous page*

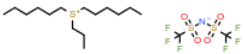
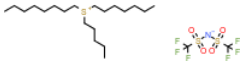
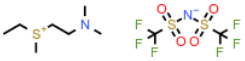
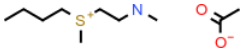
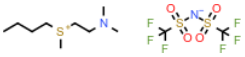
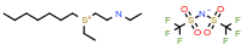
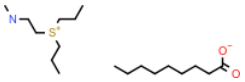
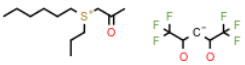
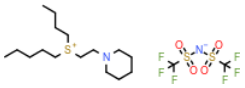
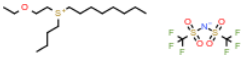
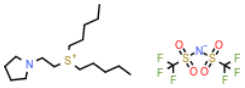
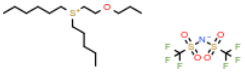
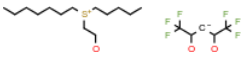
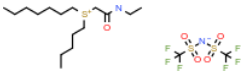
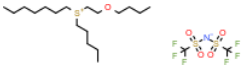
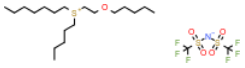
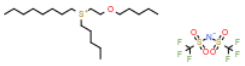
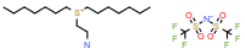
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0033	0.1039	0.0018	0.0407	1.6902	2.7257	3.3380	5.5924	1.6900
	0.0040	0.0963	0.0019	0.0427	1.6402	2.0074	3.4844	6.3472	0.1070
	0.0015	0.1088	0.0012	0.0286	1.6702	6.3691	2.3088	2.6441	110.0000
	0.0017	0.2344	0.0005	0.0235	-8.4332	4.4285	-4.2109	-19.0758	591.0000
	0.0019	0.1083	0.0014	0.0325	1.2539	5.2029	2.4117	2.8571	42.7000
	0.0028	0.1048	0.0017	0.0391	1.7182	3.3193	3.1421	4.9357	5.2900
	0.0026	0.2938	0.0007	0.0294	-9.2618	3.2928	-4.4912	-19.8830	16.8000
	0.0021	0.1111	0.0011	0.0293	-1.9565	4.6771	0.4792	-3.1172	13.0000
	0.0033	0.1063	0.0018	0.0412	1.0068	2.8139	3.0101	4.6815	2.8500
	0.0034	0.1049	0.0018	0.0417	0.7921	2.6256	2.9926	4.7093	1.1100
	0.0032	0.1063	0.0018	0.0401	1.5956	2.8855	3.1738	5.2510	1.0600
	0.0032	0.1074	0.0017	0.0419	0.2293	2.8718	2.6972	3.7146	2.4500
	0.0033	0.1056	0.0018	0.0403	1.5851	2.8343	3.1834	5.2899	1.0300
	0.0027	0.0945	0.0012	0.0307	-1.8038	3.4810	0.7263	-1.3564	3.0600
	0.0029	0.1019	0.0017	0.0368	1.1135	3.5446	2.3352	3.3433	0.6830
	0.0036	0.1027	0.0019	0.0413	1.5326	2.4980	3.2446	5.5766	0.3270
	0.0038	0.0984	0.0019	0.0419	1.6144	2.1874	3.3844	6.0624	0.2140
	0.0039	0.0972	0.0019	0.0423	1.6181	2.0613	3.4245	6.2286	0.1160
	0.0032	0.0971	0.0016	0.0420	1.5110	2.8328	3.1517	5.0814	0.8410
	0.0028	0.1027	0.0012	0.0330	-2.2390	3.3761	0.6621	-2.2704	0.7980
	0.0020	0.1080	0.0014	0.0329	2.0729	4.8110	2.8838	4.0888	39.4000

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Table S1 – *Continued from previous page*

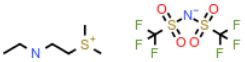
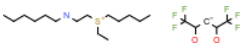
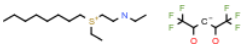
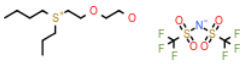
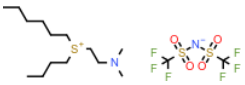
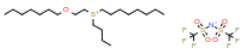
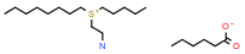
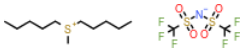
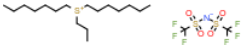
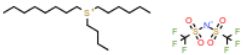
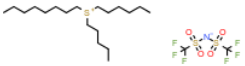
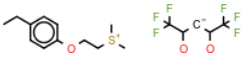
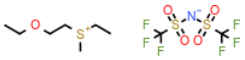
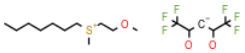
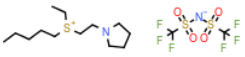
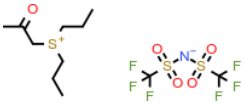
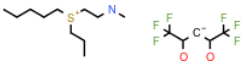
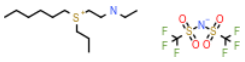
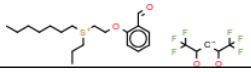
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1072	0.0017	0.0386	1.7627	3.3035	3.2008	5.0777	5.2200
	0.0012	0.1009	0.0010	0.0250	0.9048	7.3885	1.8018	1.1664	128.0000
	0.0028	0.1203	0.0011	0.0367	-2.7623	3.2865	0.3673	-3.7189	1.9500
	0.0027	0.1224	0.0011	0.0359	-2.7269	3.5053	0.3223	-3.9152	3.4400
	0.0022	0.1081	0.0017	0.0322	1.3673	4.5846	1.6239	2.4338	20.9000
	0.0030	0.1083	0.0017	0.0406	0.7152	3.1824	2.7821	3.9762	3.0500
	0.0041	0.0955	0.0019	0.0424	1.6138	1.9555	3.4401	6.3451	0.0693
	0.0029	0.2591	0.0007	0.0305	-9.1820	3.0347	-4.3818	-19.3084	2.2600
	0.0024	0.1057	0.0015	0.0353	1.8500	4.0630	2.9786	4.3743	14.4000
	0.0036	0.1007	0.0018	0.0415	1.6513	2.4105	3.3891	5.8743	0.5750
	0.0037	0.0990	0.0018	0.0421	1.6460	2.2480	3.4327	6.0633	0.3250
	0.0038	0.0977	0.0018	0.0425	1.6406	2.1114	3.4590	6.2154	0.1870
	0.0019	0.1052	0.0014	0.0306	2.0475	5.0886	2.7274	3.6788	29.5000
	0.0015	0.1066	0.0010	0.0271	-1.3081	6.3177	0.4725	-3.1324	54.4000
	0.0014	0.1067	0.0013	0.0262	2.5784	6.6208	2.5635	3.4880	73.6000
	0.0020	0.1117	0.0010	0.0293	-2.0682	4.6732	0.4230	-3.4868	22.1000
	0.0018	0.1217	0.0009	0.0304	-2.2296	5.1352	0.1497	-4.4874	54.5000
	0.0026	0.1115	0.0016	0.0388	0.4632	3.7265	2.5470	3.1604	13.2000
	0.0016	0.1077	0.0015	0.0282	2.3118	5.9531	2.5031	3.4756	42.8000
	0.0022	0.1246	0.0010	0.0339	-2.5819	4.2384	0.1927	-4.3878	19.9000
	0.0027	0.1098	0.0016	0.0394	-0.1637	3.5621	2.3178	2.4995	4.6100
	0.0028	0.1294	0.0015	0.0377	-2.3148	3.7064	0.5630	-2.8392	1.5600

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Table S1 – *Continued from previous page*

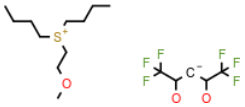
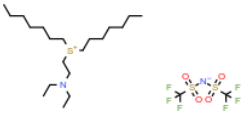
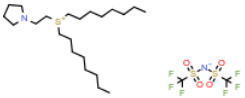
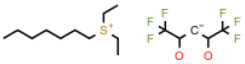
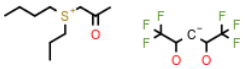
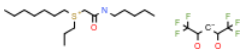
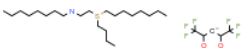
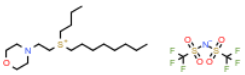
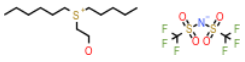
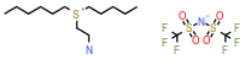
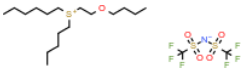
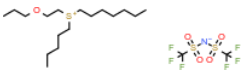
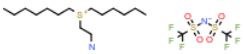
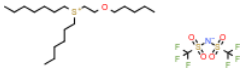
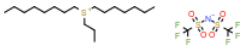
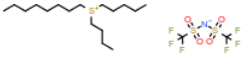
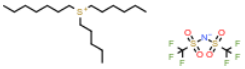
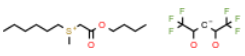
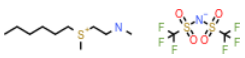
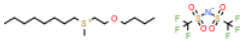
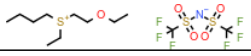
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0022	0.1270	0.0011	0.0322	-2.3738	4.2421	0.3453	-3.9029	23.6000
	0.0040	0.0991	0.0019	0.0432	0.8099	2.0558	3.1471	5.4079	0.1210
	0.0039	0.0988	0.0018	0.0438	0.3611	2.1430	2.8594	4.5833	0.1030
	0.0023	0.1265	0.0010	0.0328	-2.5229	4.0616	0.3372	-4.1419	23.6000
	0.0017	0.1117	0.0010	0.0269	-1.6737	5.4602	0.4117	-3.2940	39.4000
	0.0029	0.0988	0.0012	0.0337	-2.0341	3.3925	0.6841	-1.8567	0.4610
	0.0038	0.1136	0.0013	0.0406	-2.9357	2.1311	0.5600	-2.7275	0.0295
	0.0032	0.1108	0.0017	0.0414	0.9624	2.9500	2.8124	4.2124	0.6240
	0.0026	0.0979	0.0017	0.0336	1.1189	3.6963	1.4471	2.1124	4.8500
	0.0028	0.1005	0.0015	0.0401	1.5883	3.4684	3.0261	4.5715	4.4600
	0.0034	0.1041	0.0018	0.0408	1.5563	2.6673	3.2086	5.4169	0.5970
	0.0034	0.1040	0.0018	0.0407	1.5618	2.6744	3.2096	5.4192	0.5890
	0.0031	0.0989	0.0016	0.0413	1.3584	3.0478	3.0397	4.6972	1.5400
	0.0038	0.0997	0.0019	0.0420	1.5311	2.2401	3.3044	5.8712	0.1080
	0.0037	0.0994	0.0018	0.0420	1.6489	2.2627	3.4326	6.0541	0.3230
	0.0036	0.1003	0.0018	0.0416	1.6461	2.4013	3.3826	5.8697	0.5850
	0.0037	0.0988	0.0018	0.0421	1.6464	2.2433	3.4353	6.0709	0.3220
	0.0023	0.1003	0.0012	0.0283	-1.9104	4.2833	0.6125	-2.4216	5.3400
	0.0022	0.1042	0.0014	0.0348	1.8286	4.5019	2.8162	3.9172	20.4000
	0.0031	0.1026	0.0017	0.0382	1.6201	3.1047	3.0835	4.9219	1.7800
	0.0022	0.1152	0.0016	0.0345	2.0000	4.5896	2.9130	4.3128	26.3000

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Table S1 – *Continued from previous page*

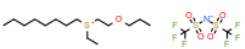
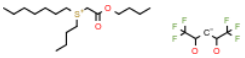
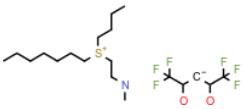
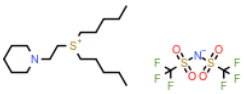
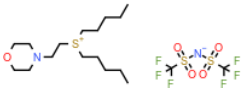
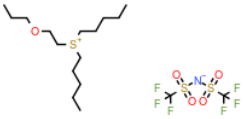
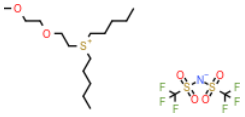
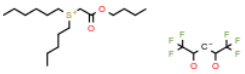
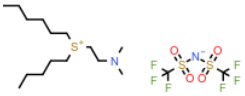
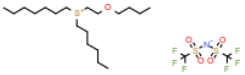
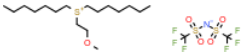
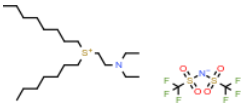
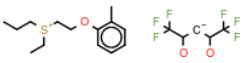
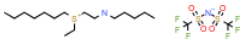
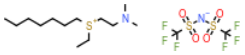
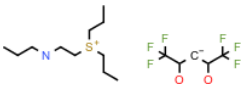
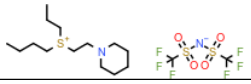
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0032	0.1054	0.0018	0.0396	1.6792	2.9130	3.2299	5.3430	2.0300
	0.0031	0.1081	0.0014	0.0335	-2.3826	3.0061	0.6702	-2.1837	0.5310
	0.0027	0.1201	0.0011	0.0364	-2.7441	3.4380	0.3167	-3.8881	3.6100
	0.0034	0.1043	0.0018	0.0417	1.0632	2.6393	3.0689	4.9183	1.6500
	0.0029	0.1137	0.0017	0.0402	1.0001	3.3420	2.7292	3.8839	1.9800
	0.0031	0.1071	0.0018	0.0397	1.6160	3.0221	3.1479	5.1402	1.8000
	0.0030	0.1128	0.0019	0.0403	1.6080	3.2231	3.0970	4.9749	2.5200
	0.0031	0.1077	0.0014	0.0337	-2.3748	3.0272	0.6683	-2.1890	0.5710
	0.0032	0.1068	0.0017	0.0415	0.7780	2.9484	2.8847	4.2960	1.7000
	0.0037	0.1013	0.0019	0.0417	1.5330	2.3566	3.2815	5.7403	0.1860
	0.0034	0.1041	0.0018	0.0402	1.5541	2.7372	3.1893	5.3410	0.5640
	0.0041	0.0979	0.0019	0.0436	0.7900	1.9521	3.1665	5.5211	0.0633
	0.0027	0.1098	0.0017	0.0374	1.8182	3.6233	3.1117	4.8597	10.1000
	0.0020	0.1278	0.0012	0.0344	-1.9066	5.0706	0.4311	-3.3739	27.7000
	0.0032	0.1054	0.0016	0.0406	-0.7289	3.0024	2.2152	2.2502	0.7250
	0.0028	0.1099	0.0016	0.0391	0.9563	3.5344	2.7792	3.9054	5.1500
	0.0022	0.1248	0.0010	0.0338	-2.5144	4.2472	0.2299	-4.2614	20.8000
	0.0029	0.1093	0.0017	0.0398	1.2918	3.2587	3.0003	4.5551	8.7300

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Table S1 – *Continued from previous page*

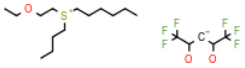
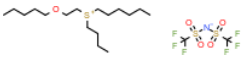
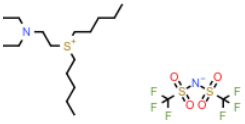
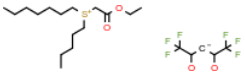
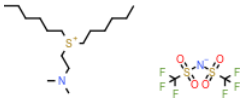
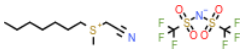
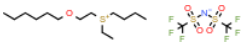
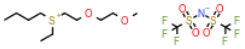
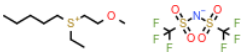
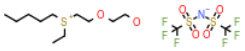
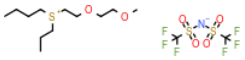
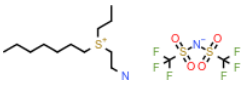
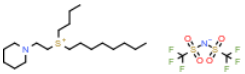
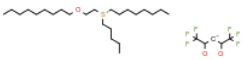
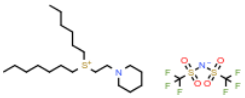
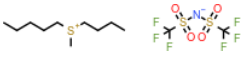
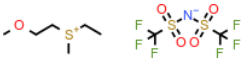
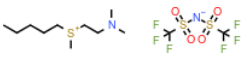
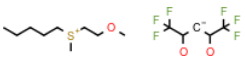
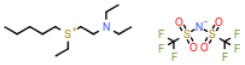
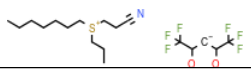
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0027	0.1213	0.0012	0.0347	-2.5906	3.4048	0.4657	-3.4263	2.8700
	0.0034	0.1039	0.0019	0.0408	1.5684	2.6503	3.2238	5.4625	0.5900
	0.0034	0.1046	0.0018	0.0416	0.9883	2.6423	3.0446	4.8870	1.2200
	0.0029	0.1101	0.0014	0.0328	-2.3422	3.2283	0.6386	-2.3509	0.9370
	0.0033	0.1056	0.0018	0.0420	0.6470	2.7695	2.8692	4.2981	0.9690
	0.0014	0.0920	0.0011	0.0287	2.0026	6.7805	1.8394	1.4390	25.4000
	0.0029	0.1092	0.0017	0.0383	1.6519	3.3792	3.0619	4.8227	3.1900
	0.0024	0.1129	0.0017	0.0359	1.7656	4.1051	2.9106	4.3406	11.1000
	0.0022	0.1143	0.0016	0.0342	1.9986	4.6030	2.9145	4.3065	23.5000
	0.0020	0.1070	0.0015	0.0307	1.4161	5.0480	1.5867	2.2436	14.6000
	0.0026	0.1169	0.0018	0.0376	1.5440	3.8651	2.8985	4.3038	8.9600
	0.0026	0.1020	0.0015	0.0392	1.6175	3.7530	2.9732	4.3764	7.5800
	0.0037	0.1013	0.0018	0.0425	1.1606	2.3385	3.1715	5.3391	0.5290
	0.0042	0.1106	0.0014	0.0402	-2.8617	1.8071	0.6998	-2.1466	0.0228
	0.0038	0.0999	0.0018	0.0429	1.0177	2.1978	3.1572	5.3631	0.2960
	0.0022	0.1070	0.0015	0.0343	1.9448	4.3922	2.9361	4.2403	23.4000
	0.0012	0.1051	0.0012	0.0239	2.9467	7.4774	2.5081	3.5008	122.0000
	0.0021	0.1078	0.0014	0.0340	1.1671	4.7560	2.4886	3.0558	25.3000
	0.0019	0.1150	0.0009	0.0287	-2.0557	4.9241	0.3607	-3.7989	51.7000
	0.0028	0.1096	0.0017	0.0389	1.0740	3.4036	2.8723	4.2350	6.5400
	0.0018	0.0999	0.0008	0.0320	-1.5194	5.5258	0.5124	-2.8718	6.8700

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Table S1 – *Continued from previous page*

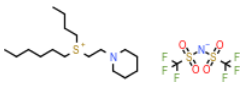
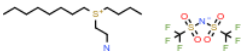
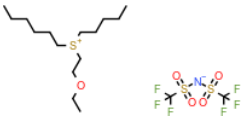
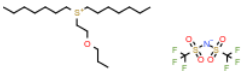
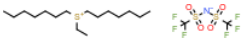
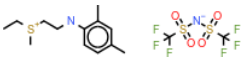
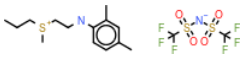
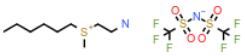
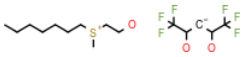
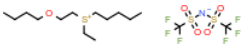
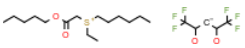
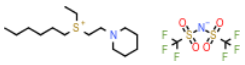
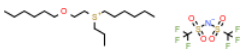
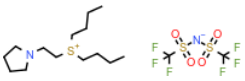
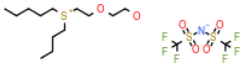
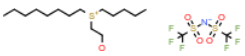
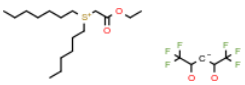
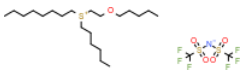
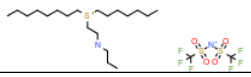
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0034	0.1044	0.0018	0.0418	1.1493	2.6378	3.1002	5.0054	1.6400
	0.0029	0.0992	0.0016	0.0409	1.5966	3.2409	3.0882	4.7902	2.5800
	0.0031	0.1074	0.0018	0.0396	1.6206	3.0512	3.1418	5.1201	1.8200
	0.0038	0.0988	0.0019	0.0420	1.6260	2.1607	3.4078	6.1271	0.2000
	0.0038	0.1056	0.0018	0.0432	0.8643	2.3592	2.9270	4.7333	0.0609
	0.0021	0.1072	0.0015	0.0334	1.9747	4.5589	2.9034	4.1132	23.6000
	0.0034	0.1026	0.0018	0.0406	1.6639	2.6518	3.3276	5.6069	0.9960
	0.0018	0.1115	0.0015	0.0346	2.3894	5.8432	2.6890	3.8249	19.6000
	0.0020	0.1106	0.0016	0.0362	2.1510	5.3644	2.6431	3.6913	16.7000
	0.0018	0.1002	0.0012	0.0332	1.5495	5.2834	2.5515	3.0868	35.2000
	0.0019	0.0891	0.0009	0.0251	-1.2858	5.0399	0.6174	-1.8307	26.1000
	0.0029	0.1086	0.0018	0.0383	1.7606	3.3427	3.1611	5.0414	6.0400
	0.0027	0.1095	0.0013	0.0316	-2.2331	3.5870	0.6134	-2.4852	1.5800
	0.0030	0.1073	0.0017	0.0396	1.1851	3.1884	2.9392	4.4485	5.7000
	0.0034	0.1046	0.0018	0.0407	1.5443	2.6701	3.2066	5.4055	0.5550
	0.0030	0.1068	0.0017	0.0408	1.6951	3.0612	3.2268	5.2045	10.5000
	0.0024	0.1050	0.0016	0.0331	1.1325	4.2805	1.5075	2.6659	5.2700
	0.0030	0.0964	0.0017	0.0352	1.0195	3.2178	1.5181	2.4423	1.5700
	0.0031	0.1089	0.0014	0.0335	-2.3775	3.0427	0.6674	-2.2115	0.5220
	0.0041	0.0957	0.0019	0.0426	1.6205	1.9415	3.4574	6.3816	0.0694
	0.0038	0.1002	0.0018	0.0432	-0.3362	2.2996	2.5531	3.5555	0.0901

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Table S1 – *Continued from previous page*

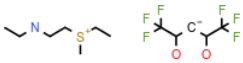
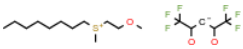
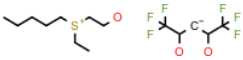
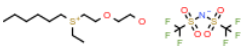
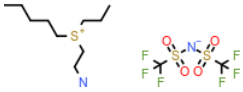
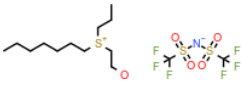
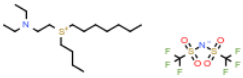
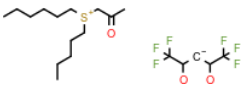
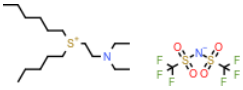
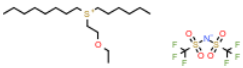
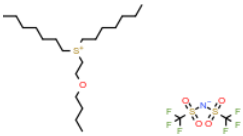
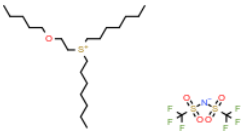
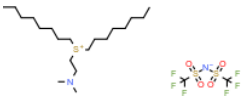
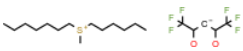
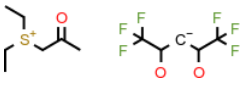
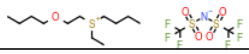
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0018	0.2838	0.0006	0.0241	-8.8411	4.0993	-4.3816	-20.0077	770.0000
	0.0014	0.0936	0.0008	0.0238	-1.0169	6.3973	0.4467	-2.7238	38.8000
	0.0013	0.1083	0.0007	0.0252	-1.5401	6.5781	0.1515	-4.2826	160.0000
	0.0024	0.1129	0.0011	0.0317	-2.3668	3.9247	0.4674	-3.4178	9.7200
	0.0018	0.0966	0.0009	0.0255	-1.2791	5.1929	0.5528	-2.0175	49.8000
	0.0023	0.1072	0.0016	0.0330	1.2933	4.3231	1.7251	2.6067	7.5300
	0.0020	0.1101	0.0013	0.0355	-1.8835	4.8784	1.0133	-1.6453	19.9000
	0.0025	0.0992	0.0016	0.0326	1.1857	4.0055	1.3746	1.9176	8.4900
	0.0036	0.1033	0.0018	0.0422	0.8346	2.4560	3.0571	4.9587	0.6360
	0.0024	0.1099	0.0011	0.0314	-2.1645	4.0224	0.5447	-2.8806	4.1000
	0.0036	0.1035	0.0018	0.0423	0.7843	2.4612	3.0387	4.9017	0.6410
	0.0035	0.1030	0.0019	0.0411	1.5394	2.5308	3.2372	5.5447	0.3330
	0.0038	0.0999	0.0019	0.0420	1.5183	2.2367	3.2951	5.8441	0.1050
	0.0041	0.0958	0.0019	0.0425	1.6145	1.9483	3.4459	6.3599	0.0714
	0.0039	0.0997	0.0018	0.0434	0.6725	2.1908	3.0062	4.9621	0.0991
	0.0027	0.1115	0.0011	0.0338	-2.5738	3.3803	0.4985	-3.3488	4.1400
	0.0011	0.1061	0.0008	0.0207	-0.7474	7.6338	0.3119	-3.3119	195.0000
	0.0027	0.1098	0.0017	0.0376	1.8132	3.5823	3.1262	4.8969	10.2000

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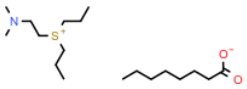
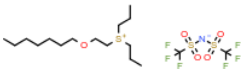
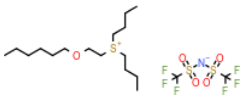
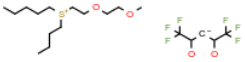
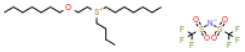
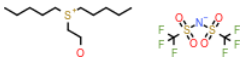
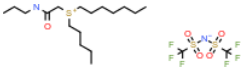
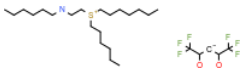
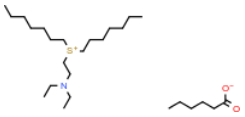
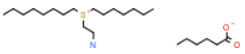
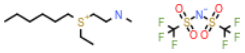
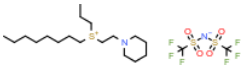
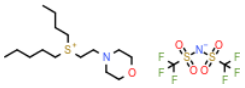
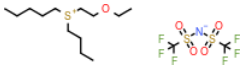
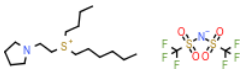
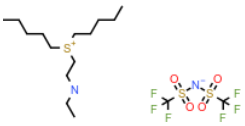
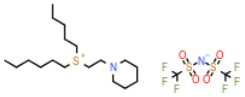
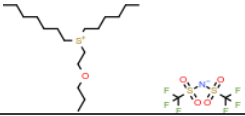
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0026	0.3254	0.0007	0.0305	-9.3888	3.3084	-4.5806	-20.2832	20.7000
	0.0032	0.1050	0.0018	0.0399	1.6729	2.8469	3.2447	5.4050	2.1900
	0.0034	0.1031	0.0019	0.0408	1.6519	2.6131	3.3047	5.6385	1.1400
	0.0026	0.1340	0.0012	0.0360	-2.5959	3.6367	0.3813	-3.7624	7.8500
	0.0038	0.1000	0.0019	0.0419	1.5257	2.2443	3.2984	5.8510	0.1090
	0.0025	0.0990	0.0016	0.0327	1.1840	3.9767	1.4051	1.9688	8.5500
	0.0029	0.0983	0.0016	0.0367	1.0004	3.4893	2.2481	3.1186	0.4350
	0.0037	0.1148	0.0013	0.0402	-2.9827	2.2374	0.5043	-2.9569	0.0555
	0.0036	0.3653	0.0009	0.0350	-9.7281	2.2998	-4.6168	-20.2200	0.1660
	0.0030	0.2434	0.0008	0.0308	-9.0658	2.9200	-4.2652	-18.7436	0.7270
	0.0023	0.1124	0.0015	0.0369	-0.4600	4.2725	1.9949	1.4380	12.6000
	0.0035	0.1030	0.0018	0.0420	1.2050	2.4999	3.1483	5.2042	0.9190
	0.0028	0.1153	0.0017	0.0395	1.0293	3.5636	2.6860	3.7252	3.4400
	0.0028	0.1107	0.0018	0.0383	1.6873	3.4896	3.0621	4.8042	5.4200
	0.0033	0.1031	0.0018	0.0419	1.6471	2.6619	3.3024	5.5454	3.4500
	0.0029	0.1074	0.0016	0.0400	-0.4535	3.2981	2.2438	2.2786	2.2700
	0.0036	0.1029	0.0018	0.0423	1.1558	2.4680	3.1429	5.1949	0.9190
	0.0037	0.1000	0.0019	0.0416	1.6246	2.3056	3.3688	5.9418	0.3790

Continued on next page

Table S1 – *Continued from previous page*

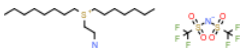
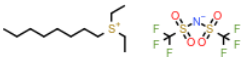
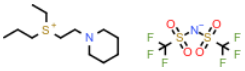
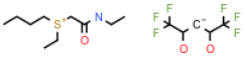
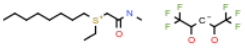
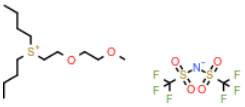
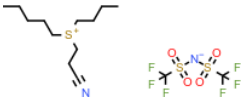
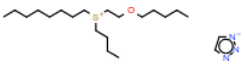
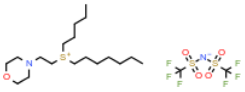
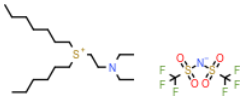
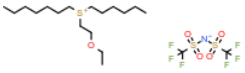
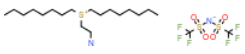
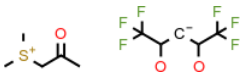
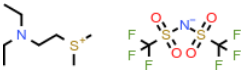
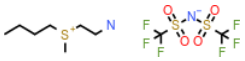
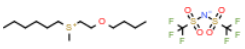
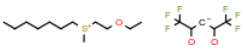
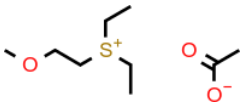
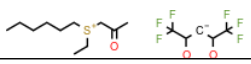
Structure	CH_4	H_2S	N_2	CO_2	γ^{inf}_{NA}	$\gamma^{inf}_{Dodecane}$	γ^{inf}_{Water}	γ^{inf}_{MCC}	CMC
	0.0033	0.0971	0.0016	0.0421	0.9146	2.7892	2.9207	4.4267	0.5170
	0.0026	0.1090	0.0016	0.0372	1.8331	3.6703	3.1356	4.8251	8.7800
	0.0025	0.1126	0.0016	0.0374	1.3671	3.9332	2.8612	4.0701	25.8000
	0.0017	0.1014	0.0009	0.0270	-1.3673	5.5475	0.4635	-2.6844	24.4000
	0.0022	0.0999	0.0010	0.0301	-1.6746	4.5598	0.5711	-2.3287	4.5300
	0.0027	0.1162	0.0018	0.0388	1.7503	3.7097	3.0470	4.7546	8.2900
	0.0018	0.1035	0.0012	0.0343	1.9536	5.8242	2.3532	2.9152	8.0300
	0.0028	0.2261	0.0008	0.0426	-6.7794	3.2162	-2.7540	-14.0721	0.9520
	0.0032	0.1109	0.0017	0.0414	0.9381	2.9522	2.8053	4.1795	0.6270
	0.0037	0.1011	0.0018	0.0426	1.2131	2.3207	3.1994	5.4198	0.5260
	0.0039	0.1007	0.0019	0.0431	0.7822	2.1723	3.1198	5.2549	0.1970
	0.0034	0.1047	0.0018	0.0407	1.5384	2.6783	3.2012	5.3877	0.5910
	0.0035	0.0949	0.0017	0.0429	1.4764	2.5063	3.2174	5.3898	0.2700
	0.0006	0.0822	0.0005	0.0142	0.3929	9.9967	0.3056	-2.9240	442.0000
	0.0016	0.1042	0.0013	0.0285	1.6988	5.9257	2.3727	2.7121	75.2000
	0.0014	0.0996	0.0011	0.0300	1.9956	6.3507	2.4644	2.9642	96.3000
	0.0027	0.1049	0.0017	0.0368	1.7071	3.5401	3.0126	4.6337	5.1500
	0.0024	0.1137	0.0011	0.0317	-2.3715	3.9597	0.4461	-3.4853	14.5000
	0.0021	0.4281	0.0008	0.0297	-9.6928	3.3941	-4.6738	-21.7768	1050.0000
	0.0018	0.1105	0.0010	0.0276	-1.7787	5.1877	0.4471	-3.2374	22.5000

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Table S1 – *Continued from previous page*

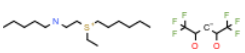
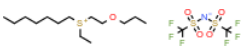
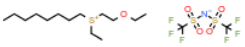
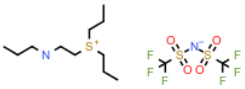
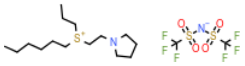
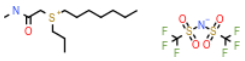
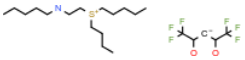
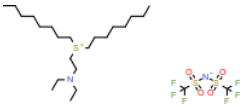
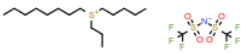
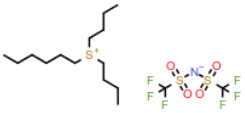
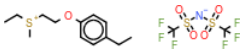
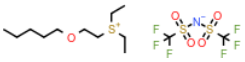
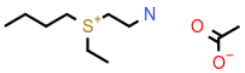
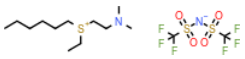
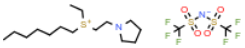
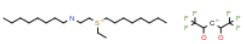
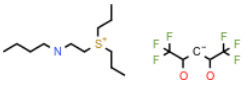
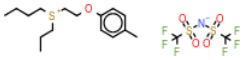
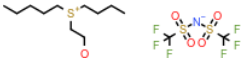
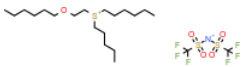
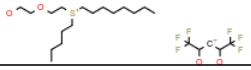
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0028	0.1192	0.0011	0.0365	-2.7589	3.3138	0.3563	-3.7120	2.1100
	0.0029	0.1095	0.0018	0.0384	1.6469	3.3378	3.0810	4.8739	2.8300
	0.0029	0.1095	0.0018	0.0383	1.6661	3.3700	3.0714	4.8521	2.9400
	0.0024	0.1123	0.0015	0.0375	-0.1936	4.1457	2.1811	2.0304	13.3000
	0.0032	0.1052	0.0018	0.0412	1.6756	2.8632	3.2668	5.3706	6.5200
	0.0022	0.1014	0.0015	0.0329	1.2778	4.6501	2.0535	2.4696	4.3500
	0.0030	0.1185	0.0012	0.0377	-2.8376	2.9988	0.3869	-3.5576	1.2100
	0.0042	0.0962	0.0019	0.0436	0.8367	1.8698	3.1598	5.6110	0.0362
	0.0034	0.1023	0.0018	0.0412	1.6660	2.5757	3.3530	5.7052	1.0100
	0.0031	0.1052	0.0018	0.0403	1.7146	2.9157	3.2986	5.4260	2.9800
	0.0018	0.1124	0.0016	0.0321	2.3594	5.9176	2.6424	3.6579	25.5000
	0.0025	0.1119	0.0017	0.0361	1.9022	3.9690	3.0594	4.6723	15.0000
	0.0019	0.2898	0.0006	0.0286	-9.1242	3.9274	-4.4704	-20.6004	592.0000
	0.0026	0.1115	0.0016	0.0384	0.9318	3.7958	2.7118	3.6890	9.0100
	0.0029	0.1083	0.0016	0.0399	0.4646	3.3207	2.6138	3.4650	5.0500
	0.0035	0.1150	0.0012	0.0393	-2.8860	2.4586	0.5171	-2.9951	0.0992
	0.0024	0.1266	0.0010	0.0351	-2.6623	3.8993	0.2500	-4.2377	10.9000
	0.0026	0.1151	0.0019	0.0408	1.9810	4.0309	3.0616	4.9310	4.5000
	0.0023	0.1001	0.0016	0.0318	1.2718	4.2600	1.3741	1.8665	13.7000
	0.0037	0.1013	0.0019	0.0417	1.5154	2.3672	3.2665	5.6975	0.1890
	0.0029	0.1058	0.0012	0.0336	-2.0537	3.2698	0.6619	-1.7895	0.5640

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Table S1 – *Continued from previous page*

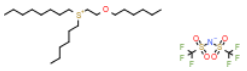
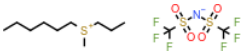
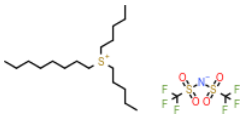
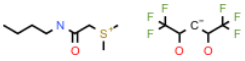
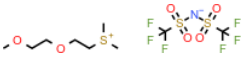
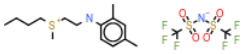
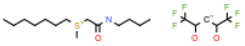
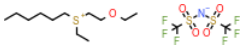
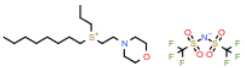
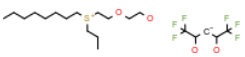
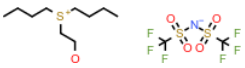
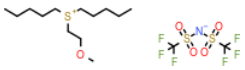
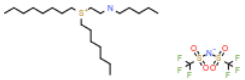
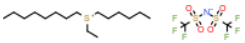
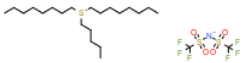
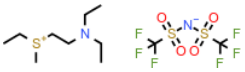
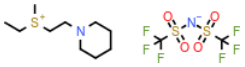
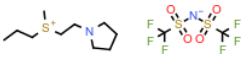
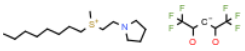
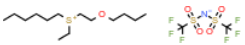
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0032	0.1261	0.0016	0.0390	-2.4262	3.2496	0.6243	-2.5685	0.4310
	0.0041	0.0974	0.0019	0.0427	1.5222	1.9966	3.3685	6.1634	0.0325
	0.0022	0.1072	0.0015	0.0341	1.9494	4.4176	2.9285	4.2182	23.3000
	0.0037	0.0990	0.0018	0.0421	1.6472	2.2446	3.4350	6.0713	0.3260
	0.0012	0.0857	0.0007	0.0209	-0.6688	7.2503	0.4221	-2.7947	59.9000
	0.0012	0.1035	0.0012	0.0238	2.7479	7.3078	2.4166	3.2188	64.5000
	0.0022	0.1128	0.0016	0.0376	2.0644	4.9409	2.7308	3.9862	8.4600
	0.0023	0.0933	0.0010	0.0297	-1.7335	4.3560	0.6199	-2.2092	2.4000
	0.0026	0.1125	0.0017	0.0367	1.7902	3.8835	2.9964	4.5755	8.8000
	0.0031	0.1125	0.0017	0.0407	1.0073	3.1525	2.7810	4.0765	1.1100
	0.0026	0.1043	0.0012	0.0318	-1.8698	3.6515	0.6378	-1.7767	2.0300
	0.0021	0.1010	0.0016	0.0306	1.3956	4.6312	1.3513	1.7544	24.1000
	0.0027	0.1096	0.0017	0.0376	1.7035	3.5790	3.0405	4.7313	5.3000
	0.0040	0.0976	0.0018	0.0438	-0.4112	2.0479	2.5969	3.7952	0.0271
	0.0033	0.1024	0.0018	0.0406	1.6619	2.6709	3.3157	5.5756	1.0200
	0.0041	0.0949	0.0019	0.0430	1.6483	1.8822	3.5247	6.5283	0.0578
	0.0019	0.1104	0.0014	0.0323	1.3615	5.0850	2.5304	3.1464	45.4000
	0.0019	0.1089	0.0014	0.0321	1.7078	5.1003	2.6011	3.3737	71.6000
	0.0019	0.1093	0.0014	0.0333	0.9223	5.0660	2.3437	2.5891	59.2000
	0.0025	0.1084	0.0010	0.0338	-2.3955	3.7468	0.4547	-3.2816	7.9100
	0.0030	0.1063	0.0018	0.0391	1.7095	3.1005	3.1976	5.1939	3.4700
	0.0029	0.1207	0.0011	0.0368	-2.7821	3.2613	0.3496	-3.7444	2.1400

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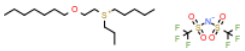
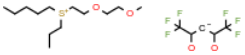
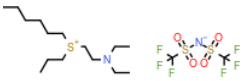
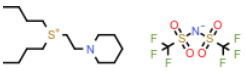
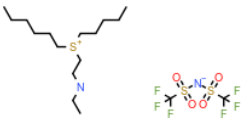
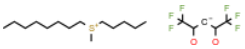
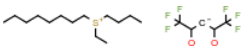
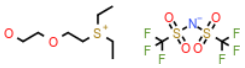
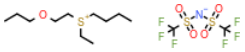
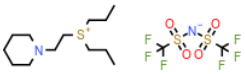
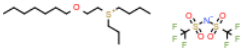
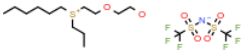
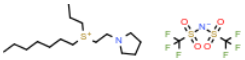
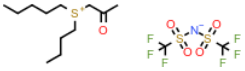
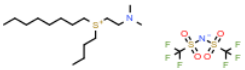
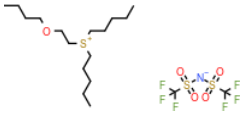
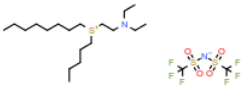
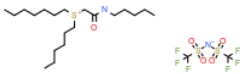
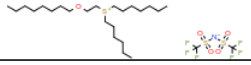
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0035	0.1016	0.0019	0.0411	1.6368	2.4787	3.3276	5.7630	0.6630
	0.0025	0.1361	0.0012	0.0353	-2.5522	3.8298	0.3499	-3.9030	12.1000
	0.0033	0.1067	0.0018	0.0411	0.8957	2.8193	2.9896	4.6445	1.9700
	0.0031	0.1077	0.0017	0.0407	1.1874	3.0018	3.0287	4.6887	5.0100
	0.0031	0.1072	0.0017	0.0409	-0.4326	3.0895	2.3229	2.5747	1.5300
	0.0027	0.1116	0.0011	0.0338	-2.5776	3.3795	0.4978	-3.3574	4.1100
	0.0028	0.1237	0.0011	0.0358	-2.7725	3.1654	0.4271	-3.7274	4.5200
	0.0015	0.1082	0.0014	0.0260	2.0249	6.4920	1.4939	2.0601	73.5000
	0.0024	0.1135	0.0017	0.0356	1.8840	4.2191	2.9506	4.4293	16.1000
	0.0027	0.1109	0.0017	0.0389	1.1779	3.5251	2.8972	4.2148	15.1000
	0.0034	0.1028	0.0018	0.0405	1.6444	2.6634	3.2740	5.5510	1.2200
	0.0024	0.1050	0.0016	0.0330	1.1638	4.3039	1.4792	2.2438	5.2200
	0.0032	0.1071	0.0017	0.0416	0.3864	2.9323	2.7062	3.7823	2.6400
	0.0022	0.1084	0.0016	0.0330	1.8867	4.5606	2.7364	3.9862	8.4700
	0.0033	0.1052	0.0017	0.0417	0.6497	2.8016	2.8510	4.2697	0.9980
	0.0033	0.1056	0.0018	0.0403	1.5691	2.8387	3.1767	5.2649	1.0500
	0.0038	0.1004	0.0019	0.0430	0.7645	2.1781	3.1035	5.2139	0.1990
	0.0035	0.0984	0.0018	0.0394	0.9512	2.7982	2.4524	3.8699	0.0692
	0.0043	0.0953	0.0019	0.0438	1.6418	1.7579	3.5197	6.6672	0.0310

Continued on next page

Table S1 – *Continued from previous page*

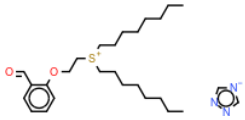
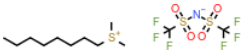
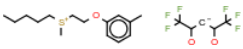
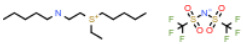
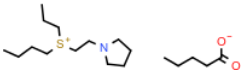
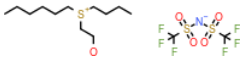
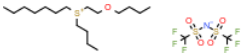
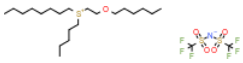
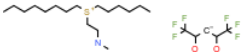
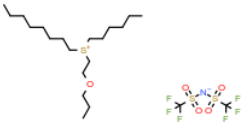
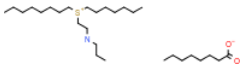
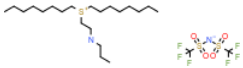
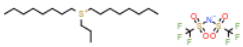
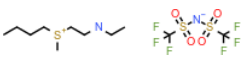
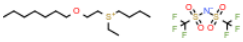
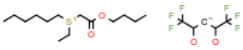
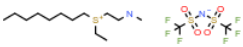
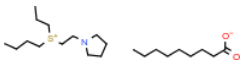
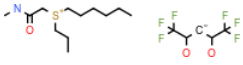
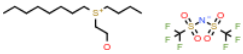
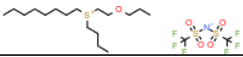
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0029	0.1924	0.0010	0.0411	-6.5675	3.5078	-2.6512	-13.0941	0.1450
	0.0020	0.1031	0.0014	0.0318	1.9389	4.7980	2.7771	3.6978	21.5000
	0.0021	0.1082	0.0012	0.0317	-1.7082	5.0298	0.5814	-2.6746	10.6000
	0.0020	0.1130	0.0014	0.0340	-0.2058	5.0186	1.9432	1.3024	32.6000
	0.0029	0.1078	0.0016	0.0395	-0.4255	3.4284	2.2564	2.3449	2.6300
	0.0027	0.4015	0.0008	0.0322	-9.8498	3.0696	-4.8619	-21.6520	49.2000
	0.0025	0.0990	0.0016	0.0327	1.1931	3.9746	1.4048	1.9802	8.3300
	0.0035	0.1010	0.0019	0.0411	1.6283	2.4731	3.3182	5.7422	0.6660
	0.0041	0.0955	0.0019	0.0426	1.6100	1.9476	3.4389	6.3455	0.0687
	0.0032	0.1184	0.0012	0.0383	-2.8901	2.8555	0.3903	-3.5362	0.6100
	0.0038	0.0983	0.0019	0.0419	1.6196	2.1717	3.3997	6.0933	0.2080
	0.0036	0.2835	0.0009	0.0343	-9.3384	2.3785	-4.3056	-18.7987	0.0587
	0.0039	0.0990	0.0018	0.0436	-0.2547	2.1588	2.6241	3.8124	0.0487
	0.0038	0.0979	0.0018	0.0423	1.6445	2.1268	3.4632	6.2093	0.1810
	0.0018	0.1076	0.0013	0.0322	0.4885	5.3278	2.0931	1.8534	36.7000
	0.0030	0.1075	0.0018	0.0389	1.6203	3.1644	3.1017	4.9787	1.8500
	0.0026	0.1104	0.0013	0.0310	-2.1748	3.8101	0.5848	-2.6022	3.2800
	0.0027	0.1097	0.0016	0.0385	-0.5998	3.7179	2.0727	1.7165	4.3400
	0.0030	0.3834	0.0008	0.0336	-9.8718	2.7082	-4.7902	-21.1574	8.7900
	0.0020	0.0969	0.0010	0.0286	-1.4919	4.9356	0.5310	-2.3287	8.6200
	0.0028	0.0969	0.0017	0.0343	1.0674	3.4837	1.4759	2.2338	2.8900
	0.0035	0.1010	0.0019	0.0410	1.6280	2.4738	3.3175	5.7380	0.6550

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Table S1 – *Continued from previous page*

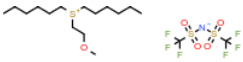
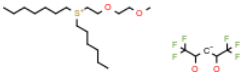
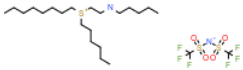
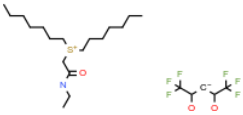
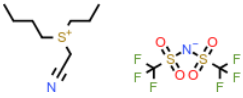
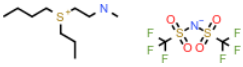
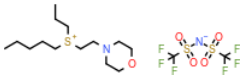
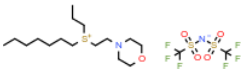
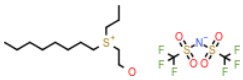
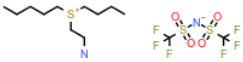
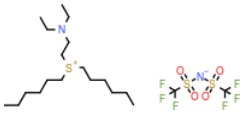
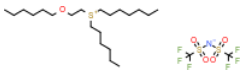
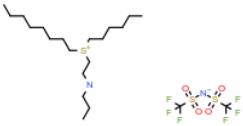
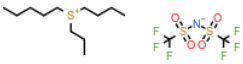
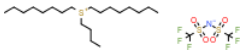
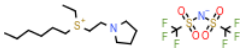
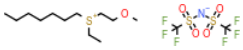
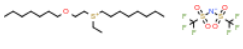
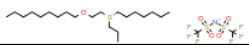
Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0031	0.1068	0.0018	0.0391	1.6147	3.1054	3.1250	5.0546	1.7100
	0.0033	0.1279	0.0013	0.0387	-2.7945	2.7518	0.5055	-3.2007	0.6430
	0.0039	0.0992	0.0018	0.0435	-0.6382	2.1789	2.4594	3.3003	0.0500
	0.0029	0.0938	0.0012	0.0335	-1.9788	3.3240	0.7167	-1.6266	0.2970
	0.0014	0.0979	0.0011	0.0304	2.3869	6.8882	2.0799	2.5070	39.6000
	0.0022	0.1134	0.0015	0.0365	-0.2207	4.5030	2.0455	1.5997	21.7000
	0.0026	0.1165	0.0016	0.0385	1.1184	3.8383	2.6547	3.6033	6.0300
	0.0029	0.1133	0.0017	0.0399	0.9781	3.3951	2.6930	3.7905	2.1200
	0.0026	0.0995	0.0017	0.0333	1.1383	3.7864	1.4435	2.0770	5.6500
	0.0022	0.1095	0.0014	0.0368	-2.0543	4.4794	1.0328	-1.5995	11.6000
	0.0037	0.1017	0.0018	0.0426	0.7281	2.3066	3.0592	5.0247	0.3580
	0.0041	0.0958	0.0019	0.0427	1.6271	1.9195	3.4715	6.4309	0.0673
	0.0036	0.1014	0.0017	0.0428	-0.4198	2.4304	2.4888	3.2955	0.1580
	0.0028	0.1088	0.0017	0.0388	1.8010	3.3906	3.2147	5.0857	8.7200
	0.0040	0.0963	0.0019	0.0427	1.6411	1.9960	3.4882	6.3636	0.1020
	0.0027	0.1096	0.0016	0.0392	0.4061	3.5537	2.5552	3.2496	8.8700
	0.0025	0.1118	0.0017	0.0363	1.7955	3.9304	2.9970	4.5560	8.1300
	0.0038	0.0994	0.0019	0.0415	1.6139	2.2675	3.3644	5.9578	0.2110
	0.0041	0.0962	0.0019	0.0425	1.6119	1.9666	3.4332	6.3263	0.0720

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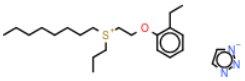
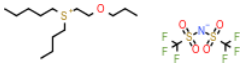
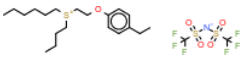
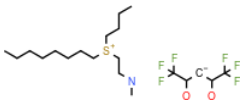
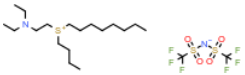
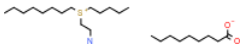
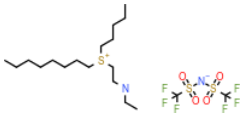
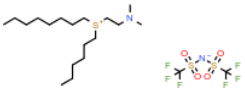
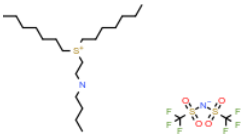
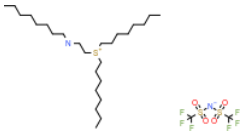
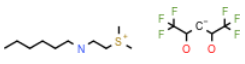
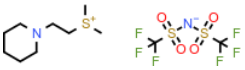
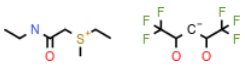
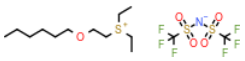
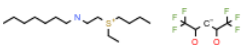
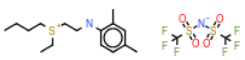
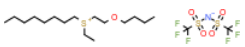
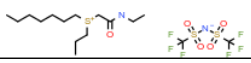
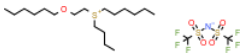
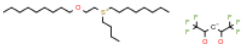
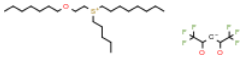
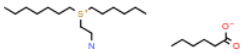
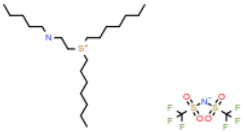
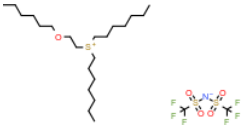
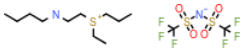
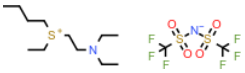
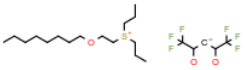
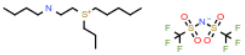
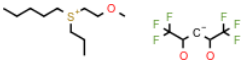
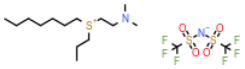
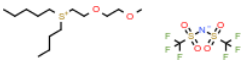
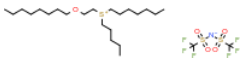
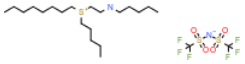
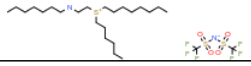
Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0025	0.2030	0.0009	0.0424	-6.2533	3.8918	-2.5704	-13.0739	2.3900
	0.0030	0.1085	0.0018	0.0390	1.6606	3.2431	3.1121	4.9938	3.1200
	0.0033	0.1089	0.0020	0.0438	1.7302	3.0570	3.1809	5.3898	0.5470
	0.0029	0.1208	0.0011	0.0371	-2.8211	3.2333	0.3284	-3.8272	1.9900
	0.0037	0.1019	0.0018	0.0425	0.7214	2.3283	3.0454	4.9761	0.3610
	0.0031	0.2520	0.0008	0.0321	-9.2489	2.7386	-4.3175	-18.9635	0.6380
	0.0034	0.1042	0.0017	0.0420	-0.2318	2.7271	2.4956	3.2000	0.4840
	0.0036	0.1025	0.0018	0.0428	0.6890	2.4533	2.9759	4.7177	0.3070
	0.0038	0.1004	0.0018	0.0434	-0.4713	2.2589	2.5287	3.4496	0.0790
	0.0045	0.0936	0.0018	0.0451	-0.3601	1.6447	2.7572	4.4971	0.0022
	0.0011	0.0937	0.0011	0.0217	2.4700	7.8441	1.8406	1.8475	70.2000
	0.0017	0.1002	0.0008	0.0273	-1.9505	5.3867	0.2875	-3.9282	25.6000
	0.0016	0.1038	0.0012	0.0287	1.9240	5.8486	2.4463	2.9361	112.0000
	0.0011	0.0908	0.0007	0.0205	-0.4516	7.7078	0.3731	-2.7367	112.0000
	0.0027	0.1100	0.0017	0.0370	1.8209	3.6548	3.1074	4.8237	8.9500
	0.0028	0.1190	0.0011	0.0364	-2.7275	3.3203	0.3751	-3.6607	2.1100
	0.0024	0.1107	0.0017	0.0400	1.8968	4.4315	2.7417	4.1163	5.2700
	0.0033	0.1034	0.0018	0.0402	1.6484	2.7223	3.2609	5.4884	1.1100
	0.0025	0.1037	0.0016	0.0351	1.2692	4.0691	2.2793	3.0932	2.1400

Continued on next page

Table S1 – *Continued from previous page*

Structure	CH_4	H_2S	N_2	CO_2	γ_{NA}^{inf}	$\gamma_{Dodecane}^{inf}$	γ_{Water}^{inf}	γ_{MCC}^{inf}	CMC
	0.0036	0.1029	0.0019	0.0413	1.5303	2.4913	3.2461	5.5851	0.3140
	0.0041	0.1104	0.0014	0.0396	-2.8683	1.8608	0.6887	-2.2384	0.0266
	0.0038	0.1136	0.0014	0.0392	-2.8124	2.1188	0.6640	-2.3895	0.0416
	0.0028	0.2592	0.0007	0.0304	-9.1548	3.0466	-4.3688	-19.2509	2.3200
	0.0039	0.0991	0.0018	0.0437	-0.3051	2.1437	2.6253	3.7966	0.0451
	0.0042	0.0947	0.0019	0.0430	1.6350	1.8191	3.5032	6.5816	0.0364
	0.0019	0.1037	0.0013	0.0305	2.0763	5.1951	2.7401	3.6057	35.3000
	0.0024	0.1127	0.0015	0.0370	-0.2357	4.2130	2.1561	1.9270	12.3000
	0.0016	0.1096	0.0014	0.0281	2.3948	6.0371	2.5880	3.6404	40.7000
	0.0027	0.1118	0.0017	0.0386	1.0336	3.5966	2.8476	4.0819	10.0000
	0.0032	0.1206	0.0013	0.0368	-2.8007	2.7794	0.4977	-3.2768	1.7600
	0.0029	0.1085	0.0017	0.0403	-0.5496	3.2771	2.2659	2.3412	2.4500
	0.0022	0.1274	0.0011	0.0322	-2.3696	4.2671	0.3425	-3.9243	23.7000
	0.0030	0.1087	0.0017	0.0405	0.7788	3.1965	2.8061	4.0266	3.0000
	0.0028	0.1150	0.0018	0.0393	1.6802	3.5456	3.0481	4.7917	5.3200
	0.0042	0.0959	0.0019	0.0433	1.6184	1.8756	3.4647	6.4544	0.0580
	0.0038	0.1008	0.0018	0.0432	-0.8759	2.2923	2.3373	2.8625	0.0869
	0.0041	0.0964	0.0018	0.0441	-0.6060	1.9493	2.5558	3.7215	0.0149