

Supplementary Material

to

Quality of Component- and Group-Interaction-Based Regression of Binary Vapor-Liquid Equilibrium Data

*Brian J. Satola^a, Jürgen Rarey^{a, b, c, *}, Deresh Ramjugernath^a*

^a Thermodynamics Research Unit, School of Chemical Engineering, University of Kwa-Zulu Natal, Durban 4041, RSA

^b DDBST GmbH, Marie-Curie-Str. 10, 26129 Oldenburg, FRG

^c Industrial Chemistry, Carl von Ossietzky University Oldenburg, 26111 Oldenburg, FRG

* Corresponding author: Email: rarey@ddbst.de; Tel: +491795047519; Fax: +464417983330

Component 1	Component 2	Groups	Data Points	T (K)	UNIFAC MSD- <i>P</i>	Wilson MSD- <i>P</i>	UNIQUAC MSD- <i>P</i>	NRTL MSD- <i>P</i>
1,2-dichloroethane	hexadecane	2	13	298.15	3.33E-04	9.98E-06	3.33E-04	1.78E-04
1,2-dichloropropane	hexadecane	2	17	298.15	4.54E-04	5.91E-04	4.52E-04	3.60E-04
1,2-dimethoxyethane	di-n-propyl ether	2	11	323.29	8.16E-07	8.58E-07	7.97E-07	7.73E-07
1,2-dimethoxyethane	di-n-propyl ether	2	11	343.28	4.79E-07	5.11E-07	4.66E-07	4.29E-07
1,2-dimethoxyethane	methylcyclohexane	2	11	350.00	9.16E-06	1.05E-05	9.02E-06	8.69E-06
1,3-butadiene	acetonitrile	2	12	323.15	5.97E-05	1.45E-05	5.97E-05	2.85E-05
1,3-butadiene	N,N-dimethylformamide (DMF)	2	11	323.15	1.92E-04	5.77E-05	1.92E-04	3.22E-04
1,3-butadiene	N,N-dimethylformamide (DMF)	2	15	313.15	1.50E-05	2.77E-05	1.50E-05	1.54E-05
1,3-butadiene	N,N-dimethylformamide (DMF)	2	15	351.97	4.84E-05	7.68E-05	4.84E-05	2.90E-05
1,3-cyclopentadiene	cyclohexane	2	13	283.15	1.68E-04	1.64E-04	1.69E-04	1.79E-04
1,3-cyclopentadiene	cyclohexene	2	11	283.15	1.21E-04	9.95E-05	1.11E-04	1.06E-04
1,3-cyclopentadiene	hexane	2	13	283.15	2.08E-04	2.02E-04	2.09E-04	2.31E-04
1,3-dichloropropane	hexadecane	2	14	298.15	6.21E-04	3.64E-04	6.40E-04	4.32E-04
1-butanol	decane	2	14	373.15	1.50E-03	8.46E-04	6.04E-04	5.98E-04
1-butanol	decane	2	13	383.15	3.09E-04	1.21E-04	5.10E-05	3.70E-03
1-butanol	octane	2	14	373.15	8.92E-06	1.98E-05	2.70E-06	2.70E-06
1-butanol	octane	2	14	383.15	1.35E-05	2.44E-05	3.69E-06	4.27E-06
1-chloropropane	cyclohexane	2	13	308.15	2.48E-05	2.52E-05	2.44E-05	2.31E-05
1-chloropropane	cyclohexane	2	13	318.15	2.07E-05	2.11E-05	2.04E-05	1.94E-05
1-dodecanol	pentadecane	2	14	453.15	1.29E-04	1.29E-04	1.28E-04	1.28E-04
1-dodecanol	pentadecane	2	14	473.15	4.56E-05	4.60E-05	4.44E-05	4.46E-05
1-hexyne	decane	2	10	343.15	2.28E-05	2.29E-05	2.24E-05	2.13E-05
1-hexyne	decane	2	10	323.15	9.35E-06	9.55E-06	8.97E-06	9.14E-06
1-hexyne	decane	2	10	333.15	1.51E-05	1.52E-05	1.50E-05	1.81E-05
1-pentanol	decane	2	13	363.27	2.89E-05	1.86E-05	2.04E-05	9.54E-06
1-pentanol	decane	2	13	373.32	7.68E-06	7.65E-06	2.20E-05	6.07E-06
1-propanol	heptane	2	15	303.15	5.53E-04	1.04E-04	n/a	1.99E-04
1-propanol	heptane	2	15	313.15	5.00E-04	1.10E-04	n/a	1.83E-04
1-propanol	heptane	2	15	323.15	3.58E-04	6.56E-05	n/a	1.03E-04
1-propanol	heptane	2	13	298.15	1.91E-04	7.50E-06	n/a	n/a
1-propanol	heptane	2	16	293.15	1.05E-04	6.52E-06	n/a	1.33E-05
1-propanol	heptane	2	16	298.16	9.27E-05	4.62E-06	n/a	1.03E-05
1-propanol	heptane	2	16	303.15	9.05E-05	4.53E-06	n/a	1.41E-05
1-propanol	heptane	2	35	318.15	1.05E-04	1.41E-06	n/a	3.10E-06
1-propanol	heptane	2	34	338.15	5.53E-05	1.02E-06	1.95E-04	2.53E-06

1-propanol	heptane	2	17	313.15	6.09E-05	1.73E-06	n/a	4.40E-06
1-propanol	heptane	2	15	333.15	2.89E-04	5.79E-05	7.80E-04	7.70E-05
1-propanol	heptane	2	26	313.15	2.83E-04	3.89E-05	n/a	8.36E-05
1-propanol	heptane	2	24	303.15	2.56E-04	1.85E-05	n/a	5.15E-05
2,2,4-trimethylpentane	1-butanol	2	51	298.15	2.86E-04	6.43E-05	5.82E-04	6.74E-05
2,2,4-trimethylpentane	1-butanol	2	41	323.23	5.88E-04	1.27E-04	8.58E-04	8.97E-05
2,2,4-trimethylpentane	1-butanol	2	43	343.22	2.99E-04	1.91E-04	5.01E-04	2.02E-04
2,2,4-trimethylpentane	3-pentanone	2	22	318.20	1.35E-05	1.44E-05	1.26E-05	1.27E-05
2,2,4-trimethylpentane	3-pentanone	2	30	333.20	4.44E-05	4.66E-05	4.06E-05	4.12E-05
2,2,4-trimethylpentane	pyridine	2	12	293.15	6.06E-05	2.46E-05	6.06E-05	1.47E-05
2,2,4-trimethylpentane	pyridine	2	12	298.15	7.24E-05	1.75E-05	7.24E-05	8.64E-05
2,2,4-trimethylpentane	pyridine	2	12	303.15	5.85E-05	1.48E-05	5.85E-05	1.14E-05
2,2,4-trimethylpentane	pyridine	2	12	308.15	5.02E-05	8.85E-06	5.02E-05	6.87E-06
2,2,4-trimethylpentane	pyridine	2	12	313.15	4.33E-05	1.33E-05	4.33E-05	5.24E-05
2,2,4-trimethylpentane	tribromomethane [R20B3]	2	10	298.15	1.19E-04	1.04E-04	1.26E-04	8.66E-06
2,2-dimethylpropane	1-bromo-2,2-dimethylpropane	2	12	293.15	8.55E-05	8.64E-05	8.80E-05	8.88E-05
2,2-dimethylpropane	1-bromo-2,2-dimethylpropane	2	12	283.15	9.30E-05	9.20E-05	9.42E-05	9.49E-05
2,2-dimethylpropane	1-bromo-2,2-dimethylpropane	2	12	273.15	8.77E-05	8.96E-05	9.36E-05	9.53E-05
2,2-dimethylpropane	1-bromo-2,2-dimethylpropane	2	12	263.15	8.65E-05	8.43E-05	8.92E-05	9.03E-05
2,2-dimethylpropane	1-bromo-2,2-dimethylpropane	2	12	253.15	1.69E-04	1.73E-04	1.83E-04	1.86E-04
2,3-dimethylbutane	benzene	2	10	283.15	6.06E-05	5.53E-05	6.06E-05	5.80E-05
2,3-dimethylbutane	benzene	2	10	303.15	1.80E-05	1.51E-05	1.80E-05	1.77E-05
2,3-dimethylbutane	benzene	2	10	323.15	1.91E-05	1.92E-05	1.91E-05	5.32E-05
2-butanone	2,2,4-trimethylpentane	2	34	313.15	1.47E-05	5.29E-06	2.19E-05	6.83E-06
2-butanone	2,2,4-trimethylpentane	2	28	293.15	1.89E-06	2.80E-06	6.47E-06	4.80E-06
2-butanone	cyclohexane	2	18	298.15	6.57E-05	5.35E-05	7.18E-05	5.46E-05
2-butanone	cyclohexane	2	22	293.15	1.32E-05	1.60E-06	2.38E-05	2.81E-06
2-butanone	cyclohexane	2	28	313.15	7.58E-06	2.52E-06	1.19E-05	3.43E-06
2-butanone	cyclohexane	2	15	298.15	4.82E-05	3.65E-05	6.57E-06	6.89E-06
2-butanone	dodecane	2	17	333.15	3.90E-05	3.12E-05	4.59E-05	3.57E-05
2-butanone	dodecane	2	19	353.15	2.75E-05	2.74E-05	3.11E-05	2.68E-05
2-butyne	pentane	2	12	293.15	2.21E-05	2.03E-05	2.07E-05	2.07E-05
2-butyne	pentane	2	12	303.15	6.65E-05	1.80E-05	1.86E-05	1.94E-05
2-butyne	pentane	2	12	313.15	8.32E-05	2.37E-05	2.49E-05	2.69E-05
2-butyne	pentane	2	10	323.15	1.82E-05	1.08E-05	1.08E-05	1.10E-05
2-methylbutane	2,2-dimethyl-1-propanol	2	13	343.15	4.51E-04	3.98E-04	5.68E-04	6.43E-04
2-methylbutane	acetic acid	2	13	343.15	7.28E-04	2.32E-04	1.28E-03	2.01E-04

2-methylbutane	isoprene	2	12	293.15	1.30E-06	1.49E-06	1.29E-06	1.19E-06
2-methylbutane	methyl isopropyl ketone	2	13	333.15	1.63E-04	1.44E-04	1.76E-04	1.87E-04
2-methylbutane	methyl tert-butyl ether (MTBE)	2	17	288.15	6.45E-05	4.38E-05	4.35E-05	4.34E-05
2-methylbutane	N-methyl-2-pyrrolidone	2	15	363.55	1.68E-04	3.18E-04	1.68E-04	1.08E-05
2-methylbutane	tert-butanol	2	58	323.45	2.41E-03	1.65E-04	4.43E-04	1.87E-04
2-methylbutane	tert-butanol	2	19	333.85	1.04E-03	6.52E-05	1.98E-04	8.18E-05
2-methylbutane	tert-butanol	2	18	303.15	8.03E-04	2.69E-04	6.24E-04	3.34E-04
2-methylbutane	tert-butanol	2	14	373.15	5.16E-05	4.01E-05	7.26E-05	5.39E-05
2-methylpentane	1-butanol	2	15	283.15	1.78E-03	2.89E-05	1.01E-03	6.79E-05
2-methylpentane	1-butanol	2	15	288.15	1.58E-03	2.90E-05	9.07E-04	6.90E-05
2-methylpentane	1-butanol	2	15	293.15	1.35E-03	2.14E-05	8.06E-04	6.21E-05
2-methylpentane	1-butanol	2	15	298.15	1.12E-03	1.69E-05	7.12E-04	6.85E-05
2-methylpentane	1-butanol	2	15	303.15	1.10E-03	1.65E-05	7.34E-04	5.65E-05
2-methylpentane	1-butanol	2	15	308.15	8.66E-04	1.70E-05	6.61E-04	5.91E-05
2-methylpentane	1-butanol	2	15	313.15	7.12E-04	1.58E-05	5.93E-04	4.87E-04
2-methylpentane	N-methyl-2-pyrrolidone	2	47	363.61	2.28E-04	3.75E-04	n/a	3.70E-05
2-methylpropane	tert-butyl acetate	2	17	293.15	1.17E-04	1.15E-04	1.23E-04	1.28E-04
2-methylpropane	tert-butyl acetate	2	16	333.15	3.36E-04	3.18E-04	3.13E-04	3.09E-04
2-methylpyridine	decane	2	19	348.15	2.31E-03	2.31E-03	2.31E-03	2.09E-03
2-methylpyridine	nonane	2	16	348.15	3.31E-06	4.25E-06	3.52E-06	3.87E-06
2-methylpyridine	nonane	2	17	313.15	2.15E-05	1.84E-05	2.21E-05	1.84E-05
2-propanol	heptane	2	13	303.15	1.11E-03	4.23E-04	n/a	6.89E-04
2-propanol	heptane	2	24	303.15	4.20E-04	7.35E-05	n/a	1.18E-04
2-propanol	heptane	2	24	313.15	1.70E-04	4.10E-05	4.55E-04	4.81E-05
2-propanol	heptane	2	26	313.15	1.88E-04	5.54E-05	4.54E-04	7.34E-05
3-methylhexane	N,N-dimethylformamide (DMF)	2	10	353.15	6.08E-05	1.33E-03	n/a	n/a
3-methylpentane	1-butanol	2	15	283.15	8.64E-04	6.42E-05	8.13E-04	1.85E-04
3-methylpentane	1-butanol	2	15	288.15	7.70E-04	6.59E-05	7.11E-04	1.73E-04
3-methylpentane	1-butanol	2	15	293.15	6.75E-04	5.28E-05	6.20E-04	1.45E-04
3-methylpentane	1-butanol	2	15	298.15	6.56E-04	3.87E-05	6.03E-04	1.17E-04
3-methylpentane	1-butanol	2	15	303.15	6.33E-04	3.55E-05	5.72E-04	1.04E-04
3-methylpentane	1-butanol	2	15	308.15	5.21E-04	2.83E-05	5.10E-04	8.33E-05
3-methylpentane	1-butanol	2	15	313.15	4.49E-04	3.01E-05	4.78E-04	8.25E-05
3-methylpentane	N-methyl-2-pyrrolidone	2	51	363.57	3.09E-04	2.27E-04	3.09E-04	1.90E-05
3-methylpyridine	nonane	2	17	348.15	9.72E-04	1.59E-03	n/a	n/a
4-methylpyridine	nonane	2	17	348.15	1.11E-03	1.62E-03	n/a	n/a
acetic acid	propionic acid	2	11	303.15	2.30E-04	1.63E-04	1.58E-04	2.35E-04

acetone	2,2,4-trimethylpentane	2	61	323.25	7.67E-05	1.26E-05	1.26E-04	9.88E-05
acetone	2,2,4-trimethylpentane	2	61	303.25	2.14E-04	3.37E-05	3.38E-04	3.75E-05
acetone	cyclohexane	2	12	273.15	2.13E-05	7.05E-05	3.75E-05	4.08E-05
acetone	cyclohexane	2	32	313.15	5.58E-05	2.60E-05	8.74E-05	1.01E-04
acetone	cyclohexane	2	27	293.15	6.48E-05	9.13E-05	9.98E-05	4.91E-05
acetone	cyclohexane	2	43	303.15	4.26E-05	2.95E-06	8.03E-05	2.09E-06
acetone	cyclohexane	2	11	298.15	3.17E-04	4.81E-04	2.84E-04	2.78E-04
acetone	methylcyclohexane	2	18	318.15	1.42E-04	7.82E-05	2.02E-04	7.20E-05
acetonitrile	1,2-ethanediol	2	27	323.15	5.93E-05	1.62E-04	5.93E-05	1.06E-04
acetonitrile	N-methylformamide	2	42	363.15	3.76E-05	3.64E-05	3.76E-05	4.99E-04
benzene	2,2,4-trimethylpentane	2	17	313.15	5.08E-07	2.54E-07	5.08E-07	1.41E-06
benzene	2,3-dimethylpentane	2	14	353.15	3.49E-07	4.09E-07	3.49E-07	1.66E-07
benzene	3-methylhexane	2	10	283.15	5.35E-04	5.53E-04	5.35E-04	5.10E-04
benzene	3-methylhexane	2	10	303.15	2.09E-05	2.20E-05	2.09E-05	1.95E-05
benzene	3-methylhexane	2	10	323.15	3.28E-05	3.37E-05	3.28E-05	3.11E-05
benzene	3-methylhexane	2	10	353.15	1.39E-05	1.44E-05	1.39E-05	1.24E-05
benzene	acetonitrile	2	15	298.16	2.32E-05	1.66E-05	2.32E-05	8.46E-05
benzene	acetonitrile	2	15	348.03	1.14E-05	9.06E-06	1.14E-05	1.00E-05
benzene	acetonitrile	2	15	397.86	7.57E-06	6.83E-06	7.57E-06	6.00E-05
benzene	acetonitrile	2	23	313.15	1.67E-05	1.25E-05	1.67E-05	1.37E-05
benzene	benzoic acid	2	25	413.65	2.57E-04	2.67E-04	2.26E-04	1.28E-04
benzene	benzonitrile	2	54	323.15	2.14E-05	2.14E-05	2.21E-05	2.49E-05
benzene	benzonitrile	2	53	353.15	9.86E-06	9.88E-06	1.02E-05	1.23E-05
benzene	carbonic acid dimethyl ester	2	11	283.15	5.03E-06	5.24E-06	5.03E-06	5.02E-06
benzene	carbonic acid dimethyl ester	2	11	293.15	3.17E-06	3.28E-06	3.17E-06	3.14E-06
benzene	carbonic acid dimethyl ester	2	11	313.15	1.64E-06	1.68E-06	1.64E-06	1.58E-06
benzene	carbonic acid dimethyl ester	2	11	323.15	1.18E-06	1.21E-06	1.18E-06	1.15E-06
benzene	carbonic acid dimethyl ester	2	11	333.15	9.23E-07	9.65E-07	9.23E-07	9.08E-07
benzene	carbonic acid dimethyl ester	2	11	343.15	9.51E-07	1.00E-06	9.51E-07	1.11E-06
benzene	carbonic acid dimethyl ester	2	11	363.15	2.37E-06	2.40E-06	2.36E-06	2.33E-06
benzene	carbonic acid dimethyl ester	2	11	373.15	4.13E-06	4.05E-06	4.10E-06	3.96E-06
benzene	cyclohexane	2	14	313.15	3.88E-07	4.26E-07	3.88E-07	3.77E-07
benzene	cyclohexane	2	14	281.15	6.14E-07	4.32E-07	6.14E-07	6.51E-07
benzene	cyclohexane	2	14	287.15	2.64E-07	1.66E-07	2.64E-07	2.01E-07
benzene	cyclohexane	2	14	293.15	2.31E-07	1.52E-07	2.31E-07	1.83E-07
benzene	cyclohexane	2	11	313.15	4.76E-06	4.94E-06	4.76E-06	4.67E-06
benzene	cyclohexane	2	14	333.15	2.18E-07	2.42E-07	2.18E-07	2.07E-07

benzene	cyclohexane	2	14	343.15	4.10E-07	4.21E-07	4.10E-07	4.06E-07
benzene	cyclohexane	2	14	353.15	4.17E-07	4.38E-07	4.17E-07	4.02E-07
benzene	cyclohexane	2	11	298.15	4.17E-07	3.32E-07	4.17E-07	4.08E-07
benzene	cyclohexane	2	23	313.15	4.12E-07	3.64E-07	4.12E-07	3.81E-07
benzene	cyclohexane	2	15	303.15	1.73E-07	2.12E-07	1.73E-07	1.65E-07
benzene	cyclohexane	2	12	313.15	5.75E-08	6.71E-08	5.75E-08	5.60E-08
benzene	cyclohexane	2	13	298.15	1.96E-05	1.88E-05	1.96E-05	1.94E-05
benzene	cyclohexane	2	22	313.15	6.80E-08	5.00E-08	6.80E-08	7.32E-08
benzene	cyclohexane	2	24	313.15	1.06E-07	8.02E-08	1.06E-07	9.19E-08
benzene	cyclooctane	2	13	298.15	3.07E-05	3.41E-05	3.07E-05	2.10E-05
benzene	cyclooctane	2	13	313.15	3.33E-05	3.58E-05	3.33E-05	2.38E-05
benzene	cyclooctane	2	13	328.15	2.08E-05	2.21E-05	2.08E-05	1.54E-05
benzene	decane	2	20	298.15	6.34E-05	4.39E-05	6.34E-05	1.02E-04
benzene	decane	2	21	323.15	4.95E-05	4.77E-05	4.95E-05	5.82E-05
benzene	decane	2	21	313.15	1.97E-05	1.78E-05	1.97E-05	3.04E-05
benzene	dimethyl sulfoxide	2	17	298.15	4.72E-04	2.64E-04	4.72E-04	2.95E-04
benzene	dimethyl sulfoxide	2	17	313.15	2.95E-04	1.35E-04	2.95E-04	1.68E-04
benzene	dimethyl sulfoxide	2	17	328.15	2.42E-04	1.01E-04	2.42E-04	1.31E-04
benzene	dimethyl sulfoxide	2	14	343.15	5.06E-05	6.68E-05	5.06E-05	5.05E-05
benzene	dodecane	2	16	298.15	7.22E-05	4.49E-05	7.22E-05	1.42E-04
benzene	dodecane	2	17	323.15	2.50E-06	3.80E-06	2.50E-06	9.39E-06
benzene	heptadecane	2	15	333.15	1.41E-05	1.37E-05	1.41E-05	3.94E-05
benzene	heptadecane	2	17	353.15	5.30E-05	5.02E-05	5.30E-05	7.83E-05
benzene	heptane	2	12	298.13	4.12E-05	3.69E-05	4.12E-05	4.33E-05
benzene	heptane	2	12	312.94	1.08E-05	9.80E-06	1.08E-05	1.13E-05
benzene	heptane	2	10	353.15	3.21E-05	3.20E-05	3.21E-05	3.22E-05
benzene	heptane	2	14	313.15	1.80E-06	1.52E-06	1.80E-06	2.10E-06
benzene	heptane	2	22	298.15	3.37E-07	1.63E-07	3.37E-07	6.33E-07
benzene	heptane	2	27	313.15	1.89E-07	1.95E-07	1.89E-07	2.67E-07
benzene	heptane	2	25	313.15	1.17E-07	1.21E-07	1.17E-07	2.51E-07
benzene	methylcyclohexane	2	20	313.15	5.25E-07	4.46E-07	5.25E-07	6.65E-07
benzene	methylcyclohexane	2	16	303.15	4.81E-06	4.92E-06	4.81E-06	4.90E-06
benzene	methylcyclohexane	2	16	323.15	1.88E-06	1.77E-06	1.88E-06	2.23E-06
benzene	N,N-dimethylformamide (DMF)	2	11	353.15	3.81E-04	3.82E-04	3.81E-04	3.84E-04
benzene	N-methyl-2-pyrrolidone	2	15	342.85	7.31E-06	7.66E-06	7.31E-06	1.54E-05
benzene	N-methyl-2-pyrrolidone	2	10	333.25	2.05E-03	1.30E-03	2.05E-03	1.62E-03
benzene	N-methyl-2-pyrrolidone	2	10	354.15	1.72E-03	1.19E-03	1.72E-03	1.26E-03

benzene	N-methylformamide	2	25	293.15	1.22E-03	4.55E-04	n/a	n/a
benzene	N-methylformamide	2	25	313.15	1.35E-03	2.68E-04	1.35E-03	n/a
benzene	N-methylformamide	2	43	363.15	2.98E-04	9.53E-05	2.98E-04	1.04E-04
benzene	octane	2	11	298.13	4.91E-06	3.97E-06	4.91E-06	7.76E-06
benzene	octane	2	11	328.15	2.27E-06	1.58E-06	2.27E-06	4.26E-06
benzene	octane	2	15	313.15	4.26E-06	3.90E-06	4.26E-06	5.76E-06
benzene	pyridine	2	10	293.15	4.85E-05	4.67E-05	4.85E-05	4.99E-05
benzene	pyridine	2	10	298.15	6.13E-05	5.05E-05	6.13E-05	6.83E-05
benzene	pyridine	2	10	303.15	6.27E-05	6.02E-05	6.27E-05	6.44E-05
benzene	pyridine	2	10	308.15	4.42E-05	3.86E-05	4.42E-05	4.78E-05
benzene	pyridine	2	10	313.15	6.80E-05	6.09E-05	6.80E-05	7.25E-05
benzene	tetradecane	2	17	298.15	2.96E-05	4.15E-05	2.96E-05	3.50E-05
benzene	tetradecane	2	17	323.15	2.25E-05	2.91E-05	2.25E-05	7.07E-06
benzene	tetradecane	2	28	308.15	2.27E-06	2.66E-06	2.27E-06	2.02E-05
benzene	tetradecane	2	11	293.15	2.47E-05	2.10E-05	2.47E-05	6.09E-05
benzene	tetradecane	2	11	298.15	2.88E-05	2.57E-05	2.88E-05	6.25E-05
benzene	tetradecane	2	11	303.15	3.35E-05	3.11E-05	3.35E-05	6.41E-05
benzene	tetradecane	2	11	313.15	4.50E-05	4.36E-05	4.50E-05	6.90E-05
benzene	toluene	2	11	273.15	7.67E-04	5.78E-04	7.67E-04	6.43E-04
benzene	toluene	2	11	293.15	3.51E-05	3.41E-05	4.22E-05	6.99E-05
benzene	toluene	2	11	303.15	5.80E-05	5.80E-05	5.80E-05	5.80E-05
benzene	toluene	2	11	313.15	1.70E-04	1.70E-04	1.65E-04	1.52E-04
bis(trideuteriomethyl)amine	hexane	2	23	223.15	4.65E-04	4.54E-04	5.36E-04	5.34E-04
bis(trideuteriomethyl)amine	hexane	2	23	233.15	8.17E-05	3.86E-05	1.76E-04	1.74E-04
bis(trideuteriomethyl)amine	hexane	2	23	243.15	4.61E-05	3.31E-05	8.40E-05	3.46E-05
bis(trideuteriomethyl)amine	hexane	2	23	253.15	3.88E-05	2.01E-05	7.37E-05	8.04E-04
bis(trideuteriomethyl)amine	hexane	2	23	263.15	1.82E-05	1.41E-05	2.94E-05	1.53E-05
bis(trideuteriomethyl)amine	hexane	2	23	273.15	2.00E-05	1.28E-05	3.26E-05	3.02E-05
bis(trideuteriomethyl)amine	hexane	2	23	283.15	1.94E-05	1.43E-05	2.74E-05	2.49E-05
bis(trideuteriomethyl)amine	hexane	2	23	293.15	2.65E-05	2.24E-05	3.23E-05	2.42E-05
butyl chloride	2,2,4-trimethylpentane	2	15	318.20	5.02E-06	4.81E-06	5.09E-06	4.82E-06
butyl chloride	2,2,4-trimethylpentane	2	23	293.15	7.57E-07	7.64E-07	7.55E-07	7.58E-07
butyl chloride	2,2,4-trimethylpentane	2	25	313.15	1.34E-06	1.30E-06	1.40E-06	1.39E-06
butyl chloride	cyclohexane	2	13	308.22	1.61E-07	1.62E-07	1.58E-07	1.57E-07
butyl chloride	cyclohexane	2	13	328.27	2.14E-06	2.13E-06	2.12E-06	2.07E-06
butyl chloride	cyclohexane	2	13	348.31	2.89E-07	2.91E-07	2.96E-07	3.05E-07
butyl chloride	cyclohexane	2	26	293.15	2.89E-07	2.85E-07	3.04E-07	3.10E-07

butyl chloride	cyclohexane	2	25	313.15	3.65E-07	3.62E-07	3.83E-07	3.98E-07
butyl chloride	heptane	2	13	298.15	4.21E-07	3.70E-07	5.03E-07	3.92E-07
butyl chloride	heptane	2	35	318.15	6.71E-07	6.54E-07	6.98E-07	6.67E-07
butyl chloride	heptane	2	34	338.15	3.09E-06	3.08E-06	3.11E-06	3.10E-06
butyraldehyde	cyclohexane	2	16	298.15	1.47E-04	4.60E-05	6.06E-05	6.07E-05
butyraldehyde	heptane	2	22	298.15	1.30E-04	4.79E-05	7.07E-05	7.07E-05
carbon disulfide	benzene	2	11	273.15	3.51E-04	3.26E-04	3.51E-04	3.73E-04
carbon disulfide	benzene	2	11	283.15	1.46E-04	1.42E-04	1.46E-04	1.47E-04
carbon disulfide	benzene	2	11	293.15	4.58E-05	4.62E-05	4.58E-05	4.48E-05
carbon disulfide	benzene	2	11	303.15	3.86E-05	3.65E-05	3.86E-05	4.26E-05
carbon disulfide	benzene	2	11	313.15	4.61E-05	4.55E-05	4.61E-05	4.56E-05
carbon disulfide	benzene	2	11	333.15	1.66E-05	1.64E-05	1.66E-05	1.69E-05
carbon disulfide	benzene	2	11	353.15	7.09E-06	6.99E-06	7.09E-06	7.78E-06
carbon disulfide	chloroform	2	11	273.15	7.47E-05	8.13E-05	7.47E-05	6.68E-05
carbon disulfide	chloroform	2	11	283.15	5.80E-05	5.92E-05	5.80E-05	5.73E-05
carbon disulfide	chloroform	2	11	293.15	1.67E-04	1.71E-04	1.67E-04	1.64E-04
carbon disulfide	chloroform	2	11	303.15	1.34E-05	1.42E-05	1.34E-05	1.24E-05
carbon disulfide	chloroform	2	11	313.15	1.52E-05	1.58E-05	1.52E-05	1.40E-05
carbon disulfide	chloroform	2	11	333.15	3.46E-06	3.52E-06	3.46E-06	3.28E-06
carbon disulfide	chloroform	2	11	353.15	5.13E-06	5.06E-06	5.13E-06	5.29E-06
carbonic acid dimethyl ester	heptane	2	11	293.15	1.67E-04	1.25E-05	n/a	2.06E-06
carbonic acid dimethyl ester	heptane	2	11	313.15	8.45E-05	3.37E-06	8.46E-05	1.17E-06
carbonic acid dimethyl ester	heptane	2	11	323.15	6.08E-05	2.37E-06	6.09E-05	1.26E-06
carbonic acid dimethyl ester	heptane	2	11	333.15	4.40E-05	2.05E-06	4.40E-05	1.40E-06
carbonic acid dimethyl ester	heptane	2	11	343.15	3.22E-05	2.01E-06	3.22E-05	1.78E-06
carbonic acid dimethyl ester	heptane	2	11	363.15	1.81E-05	2.33E-06	1.81E-05	1.83E-05
carbonic acid dimethyl ester	heptane	2	11	373.15	1.42E-05	2.69E-06	1.42E-05	1.35E-05
chlorodifluoromethane [R22]	N,N-dimethylformamide (DMF)	2	11	313.15	3.31E-02	3.13E-02	3.31E-02	8.33E-02
chloroform	benzene	2	10	298.15	6.82E-05	7.04E-05	6.82E-05	7.84E-05
chloroform	benzene	2	15	298.35	7.61E-06	7.58E-06	7.61E-06	7.63E-06
chloroform	decane	2	11	298.00	6.55E-05	5.95E-05	6.55E-05	8.32E-05
chloroform	decane	2	11	308.00	5.18E-05	4.64E-05	5.18E-05	7.26E-05
chloroform	decane	2	11	318.00	1.21E-04	1.14E-04	1.21E-04	1.49E-04
chloroform	dimethyl sulfoxide	2	14	293.15	1.73E-02	1.39E-02	1.73E-02	3.13E-02
chloroform	dimethyl sulfoxide	2	14	298.15	1.79E-02	1.47E-02	1.79E-02	3.07E-02
chloroform	dimethyl sulfoxide	2	14	308.15	1.46E-02	1.17E-02	1.46E-02	1.44E-02
chloroform	dimethyl sulfoxide	2	14	318.15	1.19E-02	9.40E-03	1.19E-02	2.07E-02

chloroform	dimethyl sulfoxide	2	14	328.15	9.57E-03	7.42E-03	9.57E-03	1.66E-02
chloroform	dimethyl sulfoxide	2	14	293.15	2.08E-02	1.74E-02	2.08E-02	3.51E-02
chloroform	dimethyl sulfoxide	2	14	298.15	1.93E-02	1.60E-02	1.93E-02	1.58E-02
chloroform	dimethyl sulfoxide	2	14	308.15	1.57E-02	1.28E-02	1.57E-02	2.66E-02
chloroform	dimethyl sulfoxide	2	14	318.15	1.29E-02	1.04E-02	1.29E-02	1.07E-02
chloroform	dimethyl sulfoxide	2	14	328.15	1.02E-02	8.01E-03	1.02E-02	1.75E-02
chloroform	heptane	2	33	323.15	1.32E-06	1.11E-06	1.32E-06	1.73E-06
chloroform	hexane	2	12	303.15	8.11E-05	8.55E-05	8.11E-05	8.30E-05
chloroform	hexane	2	12	313.15	3.44E-05	3.80E-05	3.44E-05	3.12E-05
chloroform	methanol	2	29	323.15	3.96E-05	9.90E-05	3.96E-05	4.99E-05
chloroform	methanol	2	32	313.15	3.16E-05	1.00E-04	3.16E-05	1.23E-05
chloroform	methanol	2	27	323.15	1.96E-05	5.70E-05	1.96E-05	8.91E-06
chloroform	methanol	2	23	303.15	6.55E-05	1.68E-04	6.55E-05	2.94E-05
chloroform	N-methyl-2-pyrrolidone	2	15	323.15	1.92E-03	3.16E-03	1.92E-03	3.10E-03
chloroform	N-methyl-2-pyrrolidone	2	15	373.15	1.66E-03	2.03E-03	1.66E-03	2.36E-03
chloroform	pyridine	2	16	323.15	8.07E-05	8.64E-05	8.07E-05	8.30E-05
chloroform	pyridine	2	27	336.65	7.22E-05	7.56E-05	7.22E-05	7.23E-05
chloroform	pyridine	2	12	303.15	7.59E-05	5.99E-05	7.59E-05	7.54E-05
chloroform	pyridine	2	12	313.15	2.93E-05	2.56E-05	2.93E-05	2.87E-05
chloroform	pyridine	2	20	303.15	8.34E-05	1.03E-04	8.34E-05	8.24E-05
cyclohexane	1,1,1-triethoxyethane <triethyl orthoacetate>	2	12	333.15	7.87E-05	7.52E-05	7.79E-05	6.45E-05
cyclohexane	1,1,1-triethoxyethane <triethyl orthoacetate>	2	13	343.15	1.62E-04	1.58E-04	1.61E-04	1.40E-04
cyclohexane	1,2-dibromoethane	2	13	293.15	6.15E-04	4.65E-04	6.78E-04	6.88E-04
cyclohexane	1,2-dibromoethane	2	12	298.15	3.21E-04	2.37E-04	3.56E-04	2.69E-04
cyclohexane	1,2-dichloroethane	2	19	286.15	7.82E-06	6.76E-06	7.82E-06	5.68E-06
cyclohexane	1,2-dichloroethane	2	19	293.15	7.07E-06	3.16E-06	7.07E-06	3.26E-06
cyclohexane	1,2-dichloroethane	2	19	305.53	6.31E-06	2.77E-06	6.31E-06	3.14E-06
cyclohexane	1,2-dichloroethane	2	12	298.15	2.57E-05	1.16E-05	2.57E-05	2.62E-05
cyclohexane	1,2-dichloropropane	2	10	298.15	2.75E-05	2.74E-05	2.75E-05	2.75E-05
cyclohexane	1,3-dichloropropane	2	11	298.15	5.93E-04	4.49E-04	6.02E-04	2.03E-03
cyclohexane	1,4-dioxane	2	16	298.15	3.46E-05	5.74E-05	3.36E-05	5.35E-04
cyclohexane	1,4-dioxane	2	16	313.15	1.01E-04	4.16E-05	9.93E-05	4.97E-05
cyclohexane	1,4-dioxane	2	16	288.15	1.07E-04	5.31E-05	1.10E-04	1.10E-04
cyclohexane	1-decanol	2	13	298.15	1.47E-02	1.60E-03	2.00E-03	1.86E-03
cyclohexane	1-propanol	2	29	298.15	1.65E-03	1.38E-04	n/a	1.39E-04

cyclohexane	1-propanol	2	16	298.15	1.56E-03	2.44E-03	n/a	n/a
cyclohexane	1-propanol	2	15	308.15	5.27E-04	5.95E-04	5.25E-04	1.36E-02
cyclohexane	2-ethoxyethanol	2	25	303.15	4.92E-04	1.42E-05	n/a	6.33E-04
cyclohexane	2-ethoxyethanol	2	25	323.15	3.61E-04	6.65E-06	4.84E-04	3.01E-05
cyclohexane	2-methylpropanoic acid	2	14	318.15	5.95E-04	4.31E-04	8.49E-04	8.09E-04
cyclohexane	2-methylpropanoic acid	2	14	298.15	8.70E-04	5.31E-04	9.51E-04	9.70E-04
cyclohexane	2-propanol	2	15	298.15	2.71E-03	6.35E-04	n/a	6.01E-04
cyclohexane	2-propanol	2	15	308.15	5.68E-04	5.85E-04	4.13E-04	n/a
cyclohexane	3-pentanone	2	19	298.15	3.14E-04	1.65E-04	2.29E-04	1.76E-04
cyclohexane	acetic acid	2	19	298.15	3.96E-03	1.04E-02	n/a	6.10E-05
cyclohexane	carbonic acid dimethyl ester	2	11	283.15	8.23E-05	9.25E-05	n/a	n/a
cyclohexane	carbonic acid dimethyl ester	2	11	293.15	6.16E-05	4.55E-05	6.16E-05	5.28E-05
cyclohexane	carbonic acid dimethyl ester	2	11	313.15	3.01E-05	1.26E-05	3.02E-05	2.87E-05
cyclohexane	carbonic acid dimethyl ester	2	11	323.15	1.97E-05	7.48E-06	1.98E-05	2.47E-07
cyclohexane	carbonic acid dimethyl ester	2	11	333.15	1.20E-05	5.21E-06	1.21E-05	2.51E-07
cyclohexane	carbonic acid dimethyl ester	2	11	343.15	5.95E-06	5.37E-06	5.99E-06	6.08E-06
cyclohexane	carbonic acid dimethyl ester	2	11	363.15	3.52E-06	4.81E-06	3.54E-06	1.90E-06
cyclohexane	carbonic acid dimethyl ester	2	11	373.15	4.06E-06	5.94E-06	4.08E-06	3.37E-06
cyclohexane	hexamethylene imine	2	10	298.15	7.89E-04	7.88E-04	7.69E-04	7.11E-04
cyclohexane	methyl ethyl ketoxime	2	18	298.15	2.70E-02	3.36E-04	1.33E-03	3.63E-04
cyclohexane	methyl tert-amyl ether (TAME)	2	26	298.15	1.07E-05	9.41E-06	9.30E-06	9.24E-06
cyclohexane	methyl tert-amyl ether (TAME)	2	24	308.15	5.02E-06	5.05E-06	4.99E-06	4.90E-06
cyclohexane	methyl tert-amyl ether (TAME)	2	25	318.15	2.82E-06	2.81E-06	2.83E-06	2.84E-06
cyclohexane	N,N,N',N'-tetramethyldiaminomethane	2	10	303.15	5.32E-06	5.30E-06	5.15E-06	4.60E-06
cyclohexane	N,N,N',N'-tetramethyldiaminomethane	2	10	313.15	2.72E-06	2.73E-06	2.71E-06	2.67E-06
cyclohexane	N,N,N',N'-tetramethyldiaminomethane	2	10	323.15	1.67E-06	1.67E-06	1.66E-06	1.62E-06
cyclohexane	N,N,N',N'-tetramethyldiaminomethane	2	10	333.15	7.89E-07	7.84E-07	7.96E-07	8.41E-07
cyclohexane	N,N,N',N'-tetramethyldiaminomethane	2	10	343.15	7.18E-07	7.17E-07	7.19E-07	7.21E-07
cyclohexane	N,N-dimethylformamide (DMF)	2	22	348.20	3.52E-04	1.25E-04	n/a	4.12E-05
cyclohexane	nitroethane	2	11	318.15	1.78E-04	1.22E-04	n/a	3.24E-05
cyclohexane	N-methyl-2-pyrrolidone	2	14	333.25	8.54E-05	4.62E-04	8.54E-05	6.04E-05
cyclohexane	N-methyl-2-pyrrolidone	2	13	354.15	2.08E-04	2.01E-04	2.08E-04	1.61E-04
cyclohexane	propionic acid	2	18	298.15	2.17E-03	1.65E-03	2.73E-03	2.59E-03
cyclohexane	propionic acid	2	18	318.15	1.77E-03	1.42E-03	2.17E-03	1.45E-03
cyclohexane	pyridine	2	19	318.15	1.11E-04	1.21E-04	1.11E-04	1.14E-04
cyclohexane	pyridine	2	14	293.15	4.65E-05	2.32E-05	4.65E-05	2.52E-05
cyclohexane	pyridine	2	14	298.15	4.06E-05	2.44E-05	4.06E-05	2.61E-05

cyclohexane	pyridine	2	14	303.15	3.08E-05	2.14E-05	3.08E-05	2.15E-05
cyclohexane	pyridine	2	14	308.15	2.50E-05	2.45E-05	2.50E-05	2.86E-05
cyclohexane	pyridine	2	14	313.15	3.21E-05	4.66E-05	3.21E-05	3.23E-05
cyclohexane	pyridine	2	10	298.15	1.37E-04	2.31E-05	1.37E-04	1.52E-04
cyclohexane	pyridine	2	10	303.15	1.22E-04	2.29E-05	1.22E-04	2.93E-05
cyclohexane	pyridine	2	10	308.15	1.13E-04	2.50E-05	1.13E-04	1.27E-04
cyclohexane	pyridine	2	10	318.15	9.54E-05	2.79E-05	9.54E-05	3.50E-05
cyclohexane	pyridine	2	10	328.15	8.34E-05	3.08E-05	8.34E-05	8.22E-04
cyclohexane	pyridine	2	10	338.15	7.62E-05	3.46E-05	7.62E-05	4.08E-05
cyclohexane	pyridine	2	10	348.15	7.46E-05	4.07E-05	7.46E-05	4.65E-05
cyclohexane	pyrrolidine	2	13	298.15	1.43E-05	1.43E-05	1.41E-05	1.41E-05
cyclohexane	thiophene	2	23	318.15	1.04E-05	1.09E-05	1.04E-05	1.03E-05
cyclohexane	triethyl orthoformate <triethoxymethane>	2	11	333.15	1.14E-04	1.14E-04	1.13E-04	1.08E-04
cyclohexane	triethyl orthoformate <triethoxymethane>	2	12	343.15	6.05E-05	6.05E-05	6.04E-05	5.82E-05
cyclohexane	triethyl orthoformate <triethoxymethane>	2	13	353.15	2.64E-05	2.65E-05	2.64E-05	2.66E-05
cyclohexanol	2-ethyl-2-hydroxymethyl-1,3-propanediol	2	11	333.15	4.08E-03	n/a	3.75E-03	3.71E-03
cyclohexanol	2-ethyl-2-hydroxymethyl-1,3-propanediol	2	11	353.15	3.35E-03	n/a	9.05E-04	7.52E-04
cyclohexanol	2-ethyl-2-hydroxymethyl-1,3-propanediol	2	11	393.15	1.73E-04	n/a	1.07E-04	1.06E-04
cyclopentane	piperidine	2	16	298.15	2.85E-04	2.85E-04	2.89E-04	2.87E-04
cyclopentane	tetrahydropyran	2	14	298.15	7.21E-05	1.27E-05	1.29E-05	1.30E-05
decane	.epsilon.n.-caprolactam	2	11	383.15	1.70E-03	2.74E-03	n/a	1.06E-05
decane	1-dodecanol	2	10	353.15	1.56E-04	1.46E-04	2.44E-04	2.60E-04
decane	1-octanol	2	12	353.15	8.21E-04	8.74E-04	6.84E-04	6.69E-04
decane	1-octanol	2	14	373.15	5.42E-05	7.30E-05	1.98E-05	1.78E-05
decane	1-octanol	2	14	383.15	1.47E-05	2.35E-05	2.99E-06	2.75E-06
decane	N-ethylacetamide	2	11	363.15	1.11E-02	5.40E-03	n/a	n/a
decane	N-methylacetamide	2	43	413.49	2.22E-03	6.64E-03	n/a	n/a
dichloromethane	dimethyl sulfoxide	2	18	298.15	2.70E-03	2.65E-03	2.70E-03	4.46E-03
dichloromethane	methanol	2	15	298.18	2.82E-05	1.17E-04	2.82E-05	2.21E-05
dichloromethane	methanol	2	15	348.15	2.82E-06	1.95E-05	2.82E-06	7.79E-07
dichloromethane	methanol	2	15	398.21	2.32E-05	3.53E-05	2.32E-05	1.60E-05
dichloromethane	nitromethane	2	15	298.05	7.86E-05	7.29E-05	7.86E-05	7.76E-05
dichloromethane	nitromethane	2	15	347.99	1.77E-06	1.49E-06	1.77E-06	1.60E-06
dichloromethane	nitromethane	2	15	398.13	3.41E-06	3.36E-06	3.41E-06	3.38E-06
dichloromethane	pyridine	2	25	303.15	2.03E-06	2.19E-06	2.03E-06	1.72E-06
diethyl ether	cyclohexane	2	16	298.15	1.05E-05	1.06E-05	1.07E-05	1.07E-05
diisopropyl ether	cyclohexane	2	25	313.15	7.55E-08	7.93E-08	7.88E-08	9.26E-08

dimethoxymethane	cyclohexane	2	12	313.15	9.54E-05	9.39E-05	1.03E-04	1.03E-04
dimethyl sulfoxide	1,2-ethanediol	2	11	373.15	6.56E-04	6.60E-04	6.56E-04	6.15E-04
dimethyl sulfoxide	N-methylformamide	2	22	323.15	3.06E-05	3.07E-05	3.06E-05	3.06E-05
dimethylamine	hexane	2	24	223.15	3.89E-04	2.77E-04	5.20E-04	2.92E-04
dimethylamine	hexane	2	24	233.15	2.90E-04	1.97E-04	4.22E-04	4.28E-04
dimethylamine	hexane	2	24	253.15	5.63E-04	4.94E-04	6.56E-04	6.47E-04
dimethylamine	hexane	2	24	273.15	5.21E-04	4.89E-04	5.63E-04	5.01E-04
dimethylamine	hexane	2	24	293.15	2.97E-04	2.86E-04	3.09E-04	2.95E-04
dimethylamine	hexane	2	12	223.15	4.60E-04	5.64E-04	4.09E-04	4.05E-04
dimethylamine	hexane	2	12	233.15	1.01E-04	5.03E-05	2.02E-04	6.15E-05
dimethylamine	hexane	2	12	243.15	8.13E-05	8.35E-05	1.03E-04	9.88E-05
dimethylamine	hexane	2	12	253.15	8.73E-05	7.08E-05	1.21E-04	7.51E-05
dimethylamine	hexane	2	12	263.15	3.55E-05	3.37E-05	4.46E-05	4.07E-05
dimethylamine	hexane	2	12	273.15	2.56E-05	1.92E-05	3.73E-05	3.42E-05
dimethylamine	hexane	2	12	283.15	3.00E-05	2.65E-05	3.62E-05	3.36E-05
dimethylamine	hexane	2	12	293.15	4.90E-05	4.67E-05	5.27E-05	4.99E-05
ethanol	1-decanol	2	15	293.15	1.60E-05	1.14E-05	1.82E-05	3.33E-05
ethanol	1-decanol	2	15	298.15	2.33E-05	8.25E-06	1.42E-05	2.61E-05
ethanol	1-decanol	2	15	303.15	3.65E-05	7.40E-06	1.30E-05	2.31E-05
ethanol	1-decanol	2	15	308.15	4.68E-05	7.33E-06	1.27E-05	2.22E-05
ethanol	1-decanol	2	15	313.15	5.44E-05	7.25E-06	1.25E-05	2.15E-05
ethanol	1-decanol	2	15	323.15	6.16E-05	9.52E-06	1.50E-05	2.50E-05
ethanol	cyclohexane	2	29	298.15	7.89E-04	4.41E-05	n/a	n/a
ethanol	heptane	2	24	303.15	7.58E-04	6.01E-05	n/a	n/a
ethanol	heptane	2	20	303.15	4.33E-03	2.92E-04	n/a	n/a
ethanol	octane	2	15	313.15	1.94E-03	9.38E-06	n/a	1.35E-05
ethanol	tert-butanol	2	16	313.15	1.05E-06	5.25E-07	3.08E-06	5.18E-07
ethyl acetate	dodecane	2	21	323.15	3.83E-04	5.30E-04	3.68E-04	2.57E-04
ethyl acetate	heptane	2	15	323.15	1.49E-05	8.31E-06	1.69E-05	9.86E-06
ethyl iodide	cyclohexane	2	11	298.15	6.58E-04	2.63E-04	2.43E-04	2.04E-04
ethyl tert-butyl ether (ETBE)	cyclohexane	2	44	298.15	1.54E-07	1.59E-07	1.56E-07	1.79E-07
ethylamine	hexane	2	26	233.15	2.18E-04	1.40E-04	4.53E-04	1.39E-04
ethylamine	hexane	2	26	253.15	1.01E-04	7.82E-05	1.67E-04	8.07E-05
ethylamine	hexane	2	26	273.15	3.04E-05	1.56E-05	5.93E-05	5.72E-05
ethylamine	hexane	2	26	293.15	2.15E-05	1.55E-05	3.18E-05	1.78E-05
ethylenimine	cyclohexane	2	20	298.15	2.95E-05	2.74E-05	5.45E-05	2.24E-05
formic acid	pyridine	2	10	313.15	2.82E-02	4.02E-02	2.82E-02	1.68E-01

heptane	1,1,1-triethoxyethane <triethyl orthoacetate>	2	12	343.15	1.33E-04	1.33E-04	1.35E-04	1.33E-04
heptane	1,1,1-triethoxyethane <triethyl orthoacetate>	2	12	353.15	6.66E-05	6.25E-05	6.40E-05	6.27E-05
heptane	1,1,1-triethoxyethane <triethyl orthoacetate>	2	12	363.15	2.06E-04	2.05E-04	2.06E-04	2.06E-04
heptane	1-butanol	2	21	313.15	2.42E-04	2.41E-05	4.80E-04	4.68E-05
heptane	1-butanol	2	24	303.15	3.84E-04	3.75E-05	6.94E-04	6.62E-05
heptane	1-octanol	2	26	293.15	8.86E-04	3.35E-04	6.35E-04	7.72E-04
heptane	1-octanol	2	26	313.15	1.65E-03	2.64E-04	7.68E-04	9.57E-04
heptane	1-pentanol	2	14	363.27	2.30E-05	2.89E-05	3.65E-05	2.59E-05
heptane	1-pentanol	2	10	348.15	6.64E-04	8.06E-05	3.52E-04	1.14E-04
heptane	1-pentanol	2	21	313.15	4.87E-04	2.95E-05	5.38E-04	6.88E-05
heptane	1-pentanol	2	24	313.15	5.92E-04	2.93E-05	5.24E-04	6.20E-05
heptane	2-butanol	2	24	303.15	2.26E-04	5.85E-05	3.72E-04	7.23E-05
heptane	2-ethoxyethanol	2	25	323.15	5.62E-04	8.89E-06	n/a	1.12E-05
heptane	2-methoxyethanol	2	28	323.15	1.47E-03	2.15E-03	n/a	n/a
heptane	2-methyl-1-butanol	2	24	313.15	7.37E-04	5.45E-05	5.27E-04	4.81E-04
heptane	2-methyl-1-propanol	2	24	303.15	3.64E-04	3.00E-05	4.78E-04	5.57E-05
heptane	2-methyl-1-propanol	2	22	313.15	2.40E-04	3.37E-05	4.14E-04	4.10E-05
heptane	2-methylpropanoic acid	2	15	298.15	9.68E-04	7.60E-04	1.35E-03	8.54E-04
heptane	2-methylpropanoic acid	2	15	318.15	4.95E-04	3.68E-04	7.54E-04	4.38E-04
heptane	2-methylpyridine	2	14	348.15	2.94E-02	3.03E-02	2.94E-02	3.04E-02
heptane	2-methylpyridine	2	18	313.15	8.89E-06	4.81E-06	1.02E-05	4.40E-06
heptane	2-octanol	2	26	293.15	2.77E-03	2.89E-03	2.59E-03	2.47E-03
heptane	2-octanol	2	26	313.15	6.25E-04	4.67E-04	5.57E-04	5.18E-04
heptane	2-octanone oxime	2	26	293.15	4.64E-03	n/a	6.65E-04	7.72E-04
heptane	2-octanone oxime	2	26	303.15	4.74E-03	n/a	9.82E-04	1.11E-03
heptane	2-octanone oxime	2	26	313.15	4.60E-03	n/a	1.05E-03	1.13E-03
heptane	2-pentanol	2	24	313.15	3.93E-04	1.03E-04	4.36E-04	4.38E-04
heptane	3-methyl-1-butanol	2	24	313.15	8.54E-04	4.09E-05	5.41E-04	7.19E-05
heptane	3-methyl-2-butanol	2	23	313.15	1.90E-04	1.04E-04	3.37E-04	1.37E-04
heptane	3-octanol	2	26	293.15	7.15E-04	2.39E-04	3.43E-04	4.21E-04
heptane	3-octanol	2	26	313.15	1.33E-03	2.34E-04	4.43E-04	5.21E-04
heptane	3-pentanol	2	24	313.15	2.40E-04	9.50E-05	3.24E-04	1.24E-04
heptane	3-pentanone	2	26	313.20	5.50E-06	6.90E-06	3.67E-06	3.92E-06
heptane	4-methylpyridine	2	16	348.15	8.35E-03	7.41E-03	8.35E-03	8.26E-03
heptane	4-octanol	2	26	293.15	5.49E-04	2.81E-04	4.57E-04	4.94E-04

heptane	4-octanol	2	26	313.15	1.85E-03	6.83E-04	1.01E-03	8.14E-04
heptane	4-octanone oxime	2	26	293.15	8.89E-03	n/a	3.53E-03	2.79E-03
heptane	4-octanone oxime	2	26	303.15	1.16E-02	n/a	4.47E-03	3.63E-03
heptane	4-octanone oxime	2	26	313.15	1.59E-02	n/a	5.68E-03	5.62E-03
heptane	acetic anhydride	2	16	373.15	1.93E-04	9.57E-05	n/a	2.03E-05
heptane	cyclohexanol	2	11	303.15	1.01E-02	8.51E-05	n/a	1.01E-04
heptane	cyclohexanol	2	11	313.23	8.29E-03	8.30E-05	1.13E-03	7.59E-05
heptane	cyclohexanol	2	11	323.26	6.64E-03	7.48E-05	9.07E-04	6.83E-05
heptane	cyclohexanol	2	11	333.31	4.99E-03	5.22E-05	6.43E-04	5.92E-04
heptane	cyclohexanol	2	11	343.32	3.86E-03	5.02E-05	5.18E-04	5.68E-05
heptane	cyclohexanol	2	11	353.31	2.90E-03	4.94E-05	4.08E-04	5.92E-05
heptane	cyclohexanol	2	11	363.29	2.18E-03	3.23E-05	2.72E-04	4.13E-05
heptane	methyl ethyl ketoxime	2	24	298.15	1.91E-02	2.43E-03	5.30E-03	4.71E-03
heptane	N,N-dimethylformamide (DMF)	2	14	353.15	2.19E-04	7.82E-04	n/a	n/a
heptane	propionic acid	2	16	298.15	7.18E-04	4.10E-04	1.19E-03	3.96E-04
heptane	propionic acid	2	16	318.15	3.26E-04	1.42E-04	5.97E-04	1.42E-04
heptane	pyridine	2	11	298.15	1.16E-04	1.42E-05	1.16E-04	1.97E-05
heptane	pyridine	2	11	303.15	1.05E-04	1.08E-05	1.05E-04	1.77E-05
heptane	pyridine	2	11	313.15	8.19E-05	1.14E-05	8.19E-05	1.94E-05
heptane	pyridine	2	11	323.15	8.66E-05	2.14E-05	8.66E-05	3.26E-05
heptane	pyridine	2	11	333.15	5.44E-05	1.08E-05	5.44E-05	1.88E-05
heptane	pyridine	2	13	348.15	1.93E-04	1.01E-04	1.93E-04	1.23E-04
heptane	pyridine	2	18	313.15	7.90E-06	1.72E-05	7.90E-06	1.30E-05
heptane	tert-pentanol	2	24	313.15	8.79E-05	6.01E-05	1.62E-04	1.71E-04
hexafluorobenzene	2,2,4-trimethylpentane	2	20	298.15	2.18E-05	1.82E-05	2.18E-05	2.17E-05
hexafluorobenzene	2,2,4-trimethylpentane	2	20	323.15	3.11E-06	2.49E-06	3.11E-06	2.91E-06
hexafluorobenzene	2,2,4-trimethylpentane	2	18	348.15	9.71E-06	9.07E-06	9.71E-06	9.78E-06
hexafluorobenzene	cyclohexane	2	12	303.15	2.49E-06	3.36E-06	2.49E-06	2.59E-06
hexafluorobenzene	cyclohexane	2	12	313.15	1.73E-06	1.26E-06	1.73E-06	8.42E-07
hexafluorobenzene	cyclohexane	2	12	323.15	1.37E-06	1.42E-06	1.37E-06	9.95E-07
hexafluorobenzene	cyclohexane	2	12	333.15	5.75E-06	2.67E-06	5.75E-06	3.46E-06
hexafluorobenzene	cyclohexane	2	12	343.15	2.56E-07	1.01E-06	2.56E-07	2.56E-07
hexafluorobenzene	cyclohexane	2	17	323.15	5.84E-06	3.13E-06	5.84E-06	4.09E-06
hexane	1,1,2,2-tetrachloroethane	2	13	298.15	8.15E-06	1.98E-05	8.15E-06	7.84E-06
hexane	1,1,2,2-tetrachloroethane	2	13	308.15	6.83E-06	2.57E-05	6.83E-06	7.40E-06
hexane	1,2-dichloroethane	2	13	298.15	1.45E-05	1.80E-05	1.45E-05	1.15E-05
hexane	1,2-dichloropropane	2	11	298.15	1.43E-04	1.18E-04	1.46E-04	1.25E-04

hexane	1,3-dichloropropane	2	12	298.15	1.03E-04	4.10E-05	1.08E-04	5.14E-05
hexane	1-butanol	2	15	283.10	2.57E-03	1.58E-04	1.22E-03	1.61E-04
hexane	1-butanol	2	15	288.13	2.19E-03	1.26E-04	1.08E-03	1.09E-03
hexane	1-butanol	2	15	293.12	2.08E-03	1.27E-04	1.03E-03	1.05E-03
hexane	1-butanol	2	15	298.11	1.63E-03	8.37E-05	8.65E-04	9.88E-05
hexane	1-butanol	2	15	303.11	1.38E-03	7.39E-05	7.32E-04	1.26E-02
hexane	1-butanol	2	15	308.10	1.27E-03	8.11E-05	6.99E-04	6.60E-04
hexane	1-butanol	2	15	313.08	1.08E-03	6.87E-05	6.26E-04	6.53E-04
hexane	1-butanol	2	15	318.11	1.06E-03	5.55E-05	5.60E-04	5.87E-04
hexane	1-butanol	2	15	323.12	6.52E-04	4.99E-05	3.93E-04	9.72E-05
hexane	1-butanol	2	17	298.15	2.00E-03	1.02E-03	2.66E-03	9.93E-04
hexane	1-decanol	2	12	298.15	4.30E-03	2.83E-05	3.27E-04	4.90E-04
hexane	1-hexanol	2	23	293.15	5.01E-03	1.98E-04	9.96E-04	1.05E-03
hexane	1-hexanol	2	23	303.15	3.90E-03	1.73E-04	8.29E-04	9.61E-04
hexane	1-hexanol	2	23	313.15	2.98E-03	5.30E-05	5.32E-04	1.21E-04
hexane	1-hexanol	2	23	323.15	2.00E-03	2.79E-05	3.81E-04	8.90E-05
hexane	1-hexanol	2	23	333.15	1.44E-03	1.58E-05	2.71E-04	3.57E-04
hexane	1-hexanol	2	23	343.15	1.02E-03	9.10E-06	1.85E-04	4.52E-05
hexane	1-hexanol	2	23	353.15	5.73E-04	1.35E-06	1.01E-04	2.10E-05
hexane	1-hexanol	2	23	363.15	3.13E-04	1.14E-06	6.10E-05	6.25E-05
hexane	1-hexanol	2	23	373.15	1.54E-04	3.77E-06	3.88E-05	1.28E-05
hexane	1-propanol	2	27	298.15	5.61E-03	2.27E-04	n/a	8.04E-05
hexane	1-propanol	2	25	313.15	1.45E-04	1.48E-05	n/a	2.06E-04
hexane	1-propanol	2	11	298.15	1.61E-04	2.84E-05	n/a	2.54E-05
hexane	1-propanol	2	27	313.15	2.62E-04	1.16E-05	5.34E-04	1.39E-02
hexane	2-butanol	2	15	298.15	8.51E-04	5.21E-04	1.02E-03	5.27E-04
hexane	2-ethoxyethanol	2	24	303.15	8.51E-04	2.16E-05	n/a	4.74E-05
hexane	2-ethoxyethanol	2	25	323.15	6.34E-04	1.07E-05	8.58E-04	2.88E-05
hexane	2-methoxyethanol	2	27	313.15	1.87E-03	1.59E-03	n/a	n/a
hexane	2-methoxyethanol	2	31	323.15	1.21E-03	2.31E-03	n/a	n/a
hexane	2-methyl-1-propanol	2	12	298.15	3.34E-03	1.54E-03	3.49E-03	1.27E-03
hexane	2-methylpyridine	2	15	338.15	1.18E-04	1.30E-04	1.16E-04	1.15E-04
hexane	4-methylpyridine	2	14	338.15	1.08E-01	3.48E-02	1.08E-01	1.06E-01
hexane	5-nonanone	2	20	333.15	4.20E-05	1.66E-05	1.59E-05	1.53E-05
hexane	benzene	2	14	298.15	1.93E-06	1.36E-06	1.93E-06	1.91E-06
hexane	benzene	2	12	363.15	1.47E-04	1.42E-04	1.47E-04	1.44E-04
hexane	benzene	2	12	383.15	7.88E-05	7.33E-05	7.88E-05	7.62E-05

hexane	benzene	2	12	403.15	2.19E-05	2.29E-05	2.19E-05	2.23E-05
hexane	benzene	2	12	423.15	1.32E-05	1.32E-05	1.32E-05	1.26E-05
hexane	benzene	2	12	443.15	5.79E-06	5.83E-06	5.79E-06	5.47E-06
hexane	benzene	2	15	342.85	2.14E-06	2.10E-06	2.14E-06	2.16E-06
hexane	benzene	2	17	313.15	9.01E-07	6.80E-07	9.01E-07	9.43E-07
hexane	butylamine	2	20	283.15	4.66E-05	4.61E-05	4.75E-05	4.73E-05
hexane	butylamine	2	20	293.15	2.61E-05	2.69E-05	2.50E-05	2.50E-05
hexane	butylamine	2	20	303.15	8.27E-06	8.72E-06	7.73E-06	7.78E-06
hexane	butylamine	2	20	313.15	6.56E-06	7.08E-06	5.88E-06	6.13E-06
hexane	butylamine	2	20	323.15	3.07E-06	3.25E-06	2.86E-06	2.87E-06
hexane	butylamine	2	20	333.15	2.45E-06	2.53E-06	2.36E-06	2.37E-06
hexane	butylamine	2	20	343.15	3.49E-06	3.61E-06	3.34E-06	3.36E-06
hexane	butylamine	2	20	353.15	1.98E-06	2.01E-06	1.95E-06	5.27E-06
hexane	butylamine	2	20	363.15	1.55E-06	1.62E-06	1.46E-06	1.46E-06
hexane	butylamine	2	20	373.15	1.14E-06	1.19E-06	1.07E-06	1.08E-06
hexane	ethanol	2	26	323.15	3.61E-04	2.31E-05	n/a	1.36E-04
hexane	ethanol	2	26	333.15	2.04E-04	1.30E-05	n/a	7.35E-05
hexane	ethanol	2	26	343.15	5.61E-04	1.84E-05	n/a	3.68E-05
hexane	ethanol	2	26	353.15	4.43E-05	4.18E-05	n/a	1.96E-05
hexane	ethanol	2	15	313.15	1.70E-04	6.70E-06	n/a	3.25E-06
hexane	ethyl iodide	2	27	333.15	6.52E-06	6.52E-06	6.60E-06	6.59E-06
hexane	ethyl iodide	2	28	338.15	8.88E-06	8.88E-06	9.08E-06	9.03E-06
hexane	methyl tert-amyl ether (TAME)	2	23	298.15	1.91E-06	1.91E-06	1.94E-06	2.06E-06
hexane	N-methyl-2-pyrrolidone	2	11	343.15	8.87E-04	1.19E-05	n/a	2.72E-05
hexane	N-methyl-2-pyrrolidone	2	46	363.58	2.75E-04	2.95E-04	n/a	3.81E-05
hexane	N-methylformamide	2	42	363.15	7.48E-03	6.05E-03	n/a	n/a
hexane	o-deuteroethanol	2	29	313.15	5.11E-04	5.77E-05	n/a	n/a
hexane	o-deuteroethanol	2	29	323.15	3.02E-04	3.26E-05	n/a	1.48E-04
hexane	o-deuteroethanol	2	29	333.15	1.93E-04	1.78E-05	n/a	8.81E-05
hexane	o-deuteroethanol	2	29	343.15	1.24E-04	9.63E-06	n/a	4.28E-05
hexane	o-deuteroethanol	2	29	353.15	4.62E-04	1.65E-05	n/a	2.58E-05
hexane	pentadeuteroethanol	2	30	333.15	2.07E-04	1.09E-05	n/a	5.94E-05
hexane	pentadeuteroethanol	2	30	343.15	1.07E-04	2.25E-05	n/a	3.75E-05
hexane	perdeuteroethanol	2	31	313.15	5.55E-04	4.09E-05	n/a	n/a
hexane	perdeuteroethanol	2	31	333.15	2.23E-04	1.13E-05	n/a	7.88E-05
hexane	perdeuteroethanol	2	31	343.15	5.55E-04	1.20E-05	n/a	4.09E-05
hexane	perdeuteroethanol	2	31	353.15	5.26E-05	2.89E-05	n/a	2.11E-05

hexane	pyridine	2	12	298.15	3.09E-04	3.67E-04	3.09E-04	2.66E-04
hexane	pyridine	2	12	303.15	3.20E-04	3.59E-04	3.20E-04	3.29E-04
hexane	pyridine	2	12	313.15	2.96E-04	3.14E-04	2.96E-04	3.03E-04
hexane	pyridine	2	12	323.15	2.58E-04	2.64E-04	2.58E-04	2.65E-04
hexane	pyridine	2	12	328.15	2.41E-04	2.50E-04	2.41E-04	2.42E-04
hexane	pyridine	2	15	338.15	3.29E-03	3.57E-03	3.29E-03	3.21E-03
hexane	tert-butanol	2	16	313.15	1.71E-04	1.09E-04	2.92E-04	1.31E-04
hexane	tert-butanol	2	21	298.15	2.68E-04	3.19E-04	2.07E-04	1.99E-04
hexane	tert-pentanol	2	28	313.15	1.11E-04	7.24E-05	2.06E-04	2.33E-04
hexane	tetrachloromethane	2	12	298.13	1.36E-06	1.37E-06	1.36E-06	1.31E-06
hexane	tetrachloromethane	2	12	303.08	1.27E-06	1.28E-06	1.27E-06	1.20E-06
hexane	tetrachloromethane	2	12	307.91	8.27E-07	8.37E-07	8.27E-07	7.76E-07
hexane	tetrachloromethane	2	12	312.94	6.42E-07	6.49E-07	6.42E-07	5.89E-07
hexane	tetrachloromethane	2	16	313.15	4.46E-07	4.37E-07	4.46E-07	4.70E-07
hexane	tribromomethane [R20B3]	2	12	303.15	1.29E-04	2.36E-04	1.28E-04	1.28E-04
hexane	tribromomethane [R20B3]	2	12	313.15	3.72E-03	2.12E-03	3.75E-03	2.66E-03
isoprene	cyclohexane	2	14	278.15	5.15E-05	5.05E-05	5.16E-05	5.08E-05
isoprene	cyclohexane	2	14	283.15	1.99E-04	1.98E-04	2.00E-04	2.00E-04
isoprene	cyclohexane	2	14	288.15	1.81E-04	1.80E-04	1.81E-04	1.81E-04
isoprene	cyclohexane	2	14	293.15	1.57E-04	1.57E-04	1.57E-04	1.57E-04
isoprene	cyclohexane	2	13	298.15	1.31E-04	1.30E-04	1.31E-04	1.30E-04
isoprene	hexane	2	11	273.15	2.72E-04	2.71E-04	2.72E-04	2.71E-04
isoprene	hexane	2	11	278.15	3.47E-04	3.45E-04	3.47E-04	3.45E-04
isoprene	hexane	2	11	283.15	4.24E-04	4.20E-04	4.25E-04	4.33E-04
isoprene	hexane	2	11	288.15	4.16E-04	4.12E-04	4.17E-04	4.23E-04
isoprene	hexane	2	10	293.15	4.26E-04	4.21E-04	4.26E-04	4.31E-04
isoprene	hexane	2	11	298.15	5.04E-04	4.98E-04	5.06E-04	5.27E-04
isoprene	pentane	2	10	273.15	7.41E-05	7.37E-05	7.42E-05	7.43E-05
isoprene	pentane	2	18	293.15	4.16E-05	4.09E-05	4.20E-05	4.42E-05
isoprene	pentane	2	17	303.15	5.15E-05	4.96E-05	5.25E-05	5.66E-05
isoprene	pentane	2	16	313.15	1.72E-04	1.71E-04	1.72E-04	1.73E-04
isoprene	pentane	2	17	323.15	1.99E-04	1.98E-04	1.99E-04	2.18E-04
isopropylamine	hexane	2	21	283.15	1.84E-06	2.19E-06	6.16E-06	2.70E-06
isopropylamine	hexane	2	21	293.15	2.80E-06	3.09E-06	5.86E-06	5.68E-06
isopropylamine	hexane	2	21	303.15	3.27E-06	3.54E-06	5.63E-06	5.42E-06
isopropylamine	hexane	2	21	313.15	3.84E-06	4.14E-06	6.11E-06	4.59E-06
isopropylamine	hexane	2	21	323.15	4.52E-06	4.77E-06	6.30E-06	6.31E-06

isopropylamine	hexane	2	21	333.15	3.40E-06	3.56E-06	4.51E-06	3.91E-06
methanedeuterothiol	hexane	2	23	293.15	3.27E-05	2.25E-05	3.27E-05	4.44E-05
methanedeuterothiol	hexane	2	23	283.15	2.42E-05	1.23E-05	2.42E-05	2.04E-05
methanedeuterothiol	hexane	2	23	273.15	2.11E-05	6.78E-06	2.11E-05	3.28E-05
methanedeuterothiol	hexane	2	23	263.15	2.87E-05	1.71E-05	2.87E-05	4.20E-05
methanedeuterothiol	hexane	2	23	253.15	5.59E-05	3.21E-05	5.59E-05	5.63E-05
methanedeuterothiol	hexane	2	23	243.15	4.61E-05	3.24E-05	4.61E-05	5.75E-05
methanedeuterothiol	hexane	2	23	233.15	1.90E-04	2.35E-04	1.90E-04	1.91E-04
methanedeuterothiol	hexane	2	23	223.15	1.38E-04	1.46E-04	1.38E-04	1.71E-04
methanethiol	acetonitrile	2	22	313.15	9.53E-06	8.59E-06	9.53E-06	9.22E-06
methanethiol	decane	2	22	313.15	2.43E-05	1.52E-05	2.43E-05	3.57E-05
methanethiol	dimethyl disulfide	2	15	373.15	2.85E-05	3.11E-05	2.85E-05	6.44E-05
methanethiol	dimethyl sulfoxide	2	22	313.15	1.46E-04	1.35E-04	1.46E-04	1.63E-04
methanethiol	hexane	2	22	293.15	4.04E-05	4.02E-05	4.04E-05	4.09E-05
methanethiol	hexane	2	22	283.15	5.48E-05	5.26E-05	5.48E-05	5.41E-05
methanethiol	hexane	2	22	273.15	5.36E-05	4.39E-05	5.36E-05	4.88E-05
methanethiol	hexane	2	22	263.15	7.69E-05	5.42E-05	7.69E-05	6.17E-05
methanethiol	hexane	2	22	253.15	1.35E-04	1.00E-04	1.35E-04	1.57E-04
methanethiol	hexane	2	22	243.15	3.20E-04	2.35E-04	3.20E-04	3.48E-04
methanethiol	hexane	2	22	233.15	2.07E-04	1.57E-04	2.07E-04	2.40E-04
methanethiol	hexane	2	22	223.15	9.74E-04	8.38E-04	9.74E-04	8.39E-04
methanethiol	methanol	2	22	313.15	4.09E-05	6.60E-06	4.09E-05	8.92E-03
methanethiol	methanol	2	10	278.15	6.80E-05	6.71E-05	6.80E-05	3.30E-05
methanethiol	methanol	2	10	288.15	1.09E-04	2.89E-04	1.09E-04	8.17E-05
methanol	1,2-ethanediol	2	20	333.15	2.07E-04	1.72E-04	2.07E-04	1.81E-04
methanol	benzene	2	18	293.15	2.54E-04	5.70E-05	2.54E-04	4.55E-05
methanol	benzene	2	11	273.15	5.57E-04	1.02E-03	5.57E-04	4.59E-04
methanol	benzene	2	11	283.15	8.48E-04	1.52E-03	n/a	n/a
methanol	benzene	2	11	293.15	1.01E-03	1.58E-03	1.01E-03	8.70E-04
methanol	benzene	2	11	303.15	5.19E-04	8.52E-04	5.19E-04	4.42E-04
methanol	benzene	2	11	313.15	6.37E-04	1.03E-03	6.37E-04	5.23E-04
methanol	benzene	2	11	333.15	5.59E-04	8.99E-04	5.59E-04	4.46E-04
methanol	benzene	2	11	353.15	2.21E-04	4.53E-04	2.21E-04	1.51E-04
methanol	benzene	2	11	373.15	4.03E-04	5.65E-04	4.03E-04	3.00E-04
methanol	benzene	2	28	298.15	8.86E-04	1.28E-04	n/a	n/a
methanol	benzene	2	75	313.15	6.55E-05	4.96E-05	6.55E-05	1.96E-05
methanol	benzene	2	15	298.15	4.18E-04	2.65E-05	4.18E-04	1.24E-04

methanol	cyclohexane	2	25	293.15	9.28E-03	2.87E-04	n/a	n/a
methanol	cyclohexane	2	71	303.15	6.93E-03	2.46E-04	n/a	1.37E-03
methanol	cyclohexane	2	15	298.15	7.20E-03	3.20E-04	n/a	n/a
methanol	cyclohexane	2	15	298.15	1.27E-03	2.05E-04	n/a	n/a
methanol	cyclohexane	2	15	313.15	8.92E-04	2.95E-04	n/a	n/a
methanol	cyclohexane	2	15	318.15	1.13E-03	1.71E-04	n/a	n/a
methanol	cyclohexane	2	15	318.95	1.05E-03	1.84E-04	n/a	n/a
methanol	cyclohexane	2	15	319.05	1.12E-03	1.78E-04	n/a	8.79E-05
methanol	cyclohexane	2	15	319.15	1.13E-03	1.80E-04	n/a	n/a
methanol	cyclohexane	2	15	319.25	1.12E-03	1.81E-04	n/a	n/a
methanol	cyclohexane	2	15	319.35	1.17E-03	1.88E-04	n/a	n/a
methanol	cyclohexane	2	15	319.45	1.17E-03	1.86E-04	n/a	n/a
methanol	cyclohexane	2	15	319.55	1.17E-03	1.87E-04	n/a	n/a
methanol	cyclohexane	2	15	320.15	1.24E-03	1.61E-04	n/a	7.61E-05
methanol	cyclohexane	2	15	321.15	1.32E-03	1.70E-04	n/a	n/a
methanol	cyclohexane	2	15	323.15	1.23E-03	1.50E-04	n/a	n/a
methanol	dimethyl sulfoxide	2	23	293.15	2.33E-04	2.95E-04	2.33E-04	2.38E-04
methanol	dimethyl sulfoxide	2	23	313.15	3.53E-04	4.07E-04	3.53E-04	3.37E-04
methanol	hexafluorobenzene	2	18	308.15	6.63E-04	2.80E-05	n/a	1.59E-04
methanol	hexane	2	24	308.15	4.23E-03	1.78E-04	n/a	n/a
methanol	hexane	2	24	323.15	2.82E-03	1.19E-04	n/a	n/a
methanol	hexane	2	24	333.15	1.95E-03	1.42E-04	n/a	n/a
methanol	hexane	2	25	313.15	3.73E-03	1.43E-04	n/a	n/a
methanol	hexane	2	25	318.15	3.28E-03	1.15E-04	n/a	n/a
methanol	hexane	2	25	343.15	1.28E-03	1.58E-04	n/a	1.30E-04
methanol	hexane	2	21	298.15	1.22E-02	2.74E-04	n/a	n/a
methanol	hexane	2	20	303.15	3.22E-03	1.97E-04	n/a	6.38E-04
methanol	hexane	2	55	313.15	1.76E-03	2.72E-04	n/a	n/a
methanol	hexane	2	14	313.15	3.64E-03	1.62E-04	n/a	n/a
methanol	hexane	2	21	313.15	2.83E-03	1.28E-04	n/a	n/a
methanol	N,N-dimethylformamide (DMF)	2	12	303.15	1.56E-03	1.99E-04	1.56E-03	8.06E-04
methanol	N,N-dimethylformamide (DMF)	2	19	313.15	4.24E-05	1.38E-06	4.24E-05	3.91E-06
methanol	N,N-dimethylformamide (DMF)	2	26	333.15	1.36E-04	1.34E-04	1.36E-04	2.05E-04
methanol	nitromethane	2	15	298.16	6.21E-05	1.04E-06	6.21E-05	2.45E-06
methanol	nitromethane	2	15	348.17	1.72E-05	3.31E-06	1.72E-05	4.77E-06
methanol	nitromethane	2	15	388.24	1.91E-05	9.33E-06	1.91E-05	1.24E-05
methanol	N-methyl-2-pyrrolidone	2	23	333.15	6.45E-04	6.71E-04	6.45E-04	8.54E-04

methanol	pyridine	2	12	298.15	8.09E-05	1.25E-04	8.09E-05	1.63E-04
methanol	pyridine	2	12	303.15	7.87E-05	2.54E-05	7.87E-05	3.17E-04
methanol	tetrachloromethane	2	30	353.15	2.25E-04	3.40E-05	2.25E-04	n/a
methanol	tetrachloromethane	2	16	303.15	2.01E-04	7.13E-06	n/a	n/a
methanol	thiophene	2	16	308.15	3.45E-04	6.41E-05	3.45E-04	1.51E-04
methanol	thiophene	2	16	313.15	3.01E-04	5.00E-05	3.01E-04	1.11E-04
methanol	thiophene	2	16	318.15	1.88E-04	1.74E-05	1.88E-04	5.12E-05
methanol	water	2	11	298.15	7.58E-05	8.05E-05	7.58E-05	7.07E-05
methanol	water	2	11	308.15	5.09E-05	5.55E-05	5.09E-05	4.54E-05
methanol	water	2	11	318.15	3.39E-05	3.74E-05	3.39E-05	2.77E-05
methanol	water	2	11	328.15	2.78E-05	3.01E-05	2.78E-05	1.97E-05
methanol	water	2	11	333.15	2.46E-05	2.67E-05	2.46E-05	1.61E-05
methanol	water	2	16	313.15	6.41E-05	6.93E-05	6.41E-05	5.89E-05
methyl acetate	acetic acid pentyl ester	2	11	323.15	1.68E-04	1.68E-04	1.74E-04	2.03E-04
methyl acetate	acetic acid pentyl ester	2	11	333.15	1.17E-04	1.00E-04	9.63E-05	5.20E-05
methyl acetate	butyl acetate	2	11	333.15	1.01E-04	2.22E-06	2.12E-06	2.19E-06
methyl acetate	dodecane	2	11	323.15	3.52E-04	2.82E-04	3.75E-04	3.22E-04
methyl acetate	heptane	2	16	323.15	2.48E-05	1.25E-05	2.91E-05	3.58E-05
methyl acetate	hexane	2	82	303.05	1.66E-05	1.41E-06	2.16E-05	2.30E-06
methyl acetate	hexane	2	60	323.15	1.40E-05	3.45E-06	1.69E-05	4.83E-06
methyl iodide	hexane	2	17	293.15	1.38E-04	1.41E-04	1.31E-04	1.27E-04
methyl iodide	hexane	2	17	303.15	5.26E-05	5.34E-05	5.16E-05	5.19E-05
methyl iodide	hexane	2	17	313.15	2.28E-05	2.28E-05	2.36E-05	2.53E-05
methyl iodide	hexane	2	17	323.15	1.83E-05	1.82E-05	1.89E-05	2.07E-05
methyl iodide	hexane	2	17	333.15	1.66E-05	1.66E-05	1.70E-05	1.74E-05
methyl iodide	hexane	2	17	343.15	1.11E-05	1.09E-05	1.19E-05	1.50E-05
methyl tert-amyl ether (TAME)	heptane	2	23	298.15	1.04E-05	2.30E-06	2.24E-06	3.46E-06
methyl tert-amyl ether (TAME)	heptane	2	23	308.15	1.17E-05	9.44E-06	9.38E-06	9.11E-06
methyl tert-butyl ether (MTBE)	4,4-dimethyl-1,3-dioxane	2	13	323.15	3.85E-02	2.72E-04	2.32E-04	2.33E-04
methyl tert-butyl ether (MTBE)	cyclohexane	2	26	313.15	2.82E-07	2.86E-07	2.86E-07	3.02E-07
methyl tert-butyl ether (MTBE)	cyclohexane	2	20	298.15	5.78E-05	1.66E-05	1.67E-05	1.70E-05
methyl tert-butyl ether (MTBE)	cyclohexane	2	21	308.15	1.10E-04	3.35E-05	3.22E-05	2.98E-05
methyl tert-butyl ether (MTBE)	cyclohexane	2	42	308.15	2.78E-07	2.81E-07	2.83E-07	3.03E-07
methyl tert-butyl ether (MTBE)	heptane	2	24	308.15	2.41E-05	2.41E-05	2.41E-05	2.41E-05
methyl tert-butyl ether (MTBE)	hexane	2	12	323.18	4.51E-07	4.51E-07	4.53E-07	4.52E-07
methyl tert-butyl ether (MTBE)	hexane	2	23	313.15	4.88E-08	4.82E-08	5.06E-08	4.92E-08
methylamine	hexane	2	23	218.15	3.15E-03	1.63E-04	n/a	n/a

methylamine	hexane	2	23	223.15	1.99E-03	1.86E-04	n/a	6.26E-05
methylamine	hexane	2	23	243.15	6.98E-04	5.38E-05	n/a	2.28E-05
methylamine	hexane	2	23	253.15	4.35E-04	3.92E-05	4.35E-04	2.84E-05
methylamine	hexane	2	23	263.15	2.74E-04	2.70E-05	2.74E-04	3.80E-04
methylamine	hexane	2	23	273.15	2.02E-04	1.94E-05	2.02E-04	2.42E-05
methylamine	hexane	2	23	283.15	1.53E-04	1.87E-05	1.53E-04	2.35E-04
methylamine	hexane	2	23	293.15	1.42E-04	3.68E-05	1.42E-04	4.70E-03
methylamine	N-butane	2	23	218.15	4.56E-04	7.08E-05	n/a	3.72E-05
methylamine	N-butane	2	23	253.15	7.69E-05	9.31E-06	7.69E-05	8.09E-06
methylamine	N-butane	2	23	273.15	2.06E-05	8.62E-06	2.06E-05	6.27E-06
methylamine	N-butane	2	23	288.15	1.44E-05	1.46E-05	1.44E-05	2.08E-05
methylamine	nonane	2	22	253.15	4.99E-04	7.76E-05	n/a	3.22E-05
methylamine	nonane	2	22	273.15	2.65E-04	4.64E-05	2.65E-04	4.26E-05
methylamine	nonane	2	22	293.15	2.77E-04	1.36E-04	2.77E-04	2.65E-04
methylamine	tetrachloromethane	2	22	253.15	2.96E-04	2.09E-04	2.96E-04	2.31E-04
methylamine	tetrachloromethane	2	22	273.15	9.05E-05	5.63E-05	9.05E-05	6.30E-05
methylamine	tetrachloromethane	2	22	293.15	1.03E-04	8.15E-05	1.03E-04	8.49E-05
methylcyclohexane	1,4-dioxane	2	19	303.15	1.02E-05	8.46E-07	1.40E-05	1.28E-05
methylcyclohexane	1,4-dioxane	2	19	323.15	1.72E-05	2.07E-05	1.65E-05	1.65E-05
methylcyclohexane	N,N-dimethylformamide (DMF)	2	24	352.05	1.68E-04	3.38E-04	n/a	3.81E-05
methylcyclohexane	N-methyl-2-pyrrolidone	2	13	354.15	3.08E-04	7.79E-04	3.08E-04	2.90E-04
methylcyclohexane	N-methyl-2-pyrrolidone	2	12	373.25	2.24E-04	5.46E-04	2.24E-04	2.03E-04
methylcyclopentane	N,N-dimethylformamide (DMF)	2	19	353.15	1.41E-03	2.75E-03	1.41E-03	1.11E-03
methylcyclopentane	N-methyl-2-pyrrolidone	2	15	342.85	3.80E-04	6.51E-05	3.80E-04	4.68E-05
N,N,N',N'-tetramethyldiaminomethane	heptane	2	12	303.15	2.76E-05	2.75E-05	2.76E-05	2.76E-05
N,N,N',N'-tetramethyldiaminomethane	heptane	2	12	313.15	2.93E-05	2.92E-05	2.94E-05	2.94E-05
N,N,N',N'-tetramethyldiaminomethane	heptane	2	12	323.15	3.19E-05	3.18E-05	3.18E-05	3.26E-05
N,N,N',N'-tetramethyldiaminomethane	heptane	2	12	333.15	2.00E-05	2.00E-05	1.99E-05	2.05E-05
N,N-diethylamine	hexane	2	21	293.15	4.08E-05	4.09E-05	4.15E-05	4.10E-05
N,N-diethylamine	hexane	2	21	303.15	1.48E-05	1.48E-05	1.51E-05	1.49E-05
N,N-diethylamine	hexane	2	21	313.15	9.77E-06	9.79E-06	9.93E-06	9.82E-06
N,N-diethylamine	hexane	2	21	323.15	5.33E-06	5.34E-06	5.41E-06	5.35E-06
N,N-diethylamine	hexane	2	21	333.15	2.98E-06	2.98E-06	3.02E-06	2.99E-06
N,N-diethylamine	hexane	2	21	343.15	1.50E-06	1.50E-06	1.51E-06	1.50E-06
N,N-diethylamine	hexane	2	21	353.15	2.23E-06	2.23E-06	2.25E-06	2.25E-06
N,N-dimethylformamide (DMF)	1,2-ethanediol	2	11	373.15	1.26E-03	1.26E-03	1.26E-03	1.24E-03
N,N-dimethylformamide (DMF)	naphthalene	2	15	383.05	3.69E-04	4.84E-04	3.69E-04	5.69E-04

N,N-dimethylformamide (DMF)	naphthalene	2	15	417.15	2.11E-05	4.69E-05	2.11E-05	6.19E-05
N,N-dimethylformamide (DMF)	naphthalene	2	15	437.95	4.18E-05	2.84E-05	4.18E-05	3.02E-05
N-butane	diisopropyl ether	2	18	373.15	3.30E-04	3.40E-04	3.30E-04	3.78E-04
N-butane	ethanol	2	24	298.45	8.96E-04	1.29E-04	n/a	n/a
N-butane	ethanol	2	24	323.75	5.91E-04	2.27E-05	n/a	n/a
N-butane	ethanol	2	24	345.65	4.79E-04	5.90E-04	5.26E-04	5.03E-04
N-butane	ethanol	2	30	363.59	1.06E-04	2.39E-05	2.77E-04	3.40E-04
N-butane	ethylamine	2	26	218.15	1.22E-04	3.57E-05	2.70E-04	3.20E-05
N-butane	ethylamine	2	26	233.15	5.51E-05	1.48E-05	1.25E-04	1.76E-05
N-butane	ethylamine	2	26	253.15	2.52E-05	9.24E-06	5.10E-05	5.84E-05
N-butane	ethylamine	2	26	273.15	9.68E-06	4.88E-06	1.78E-05	6.01E-06
N-butane	ethylamine	2	26	293.15	4.38E-06	2.74E-06	7.30E-06	8.10E-06
N-butane	methyl tert-butyl ether (MTBE)	2	20	273.15	1.67E-05	1.67E-05	1.66E-05	1.61E-05
N-butane	morpholine	2	27	316.05	7.07E-05	2.47E-04	7.07E-05	4.42E-05
N-butane	morpholine	2	27	343.05	6.80E-05	2.13E-04	6.80E-05	6.86E-05
N-butane	N-deuteroethylamine	2	26	218.15	1.53E-04	4.35E-05	3.31E-04	3.75E-04
N-butane	N-deuteroethylamine	2	26	233.15	7.40E-05	1.50E-05	1.69E-04	1.86E-05
N-butane	N-deuteroethylamine	2	26	253.15	2.59E-05	6.75E-06	5.85E-05	9.97E-06
N-butane	N-deuteroethylamine	2	26	273.15	9.29E-06	2.93E-06	2.04E-05	4.57E-06
N-butane	N-deuteroethylamine	2	26	293.15	3.04E-06	1.42E-06	6.38E-06	1.92E-06
N-butane	propanal	2	18	273.15	1.99E-03	2.85E-05	1.41E-04	1.44E-04
N-butane	propanal	2	17	373.15	2.35E-05	2.51E-05	4.32E-05	3.70E-05
N-deuterodiethylamine	hexane	2	25	293.15	3.87E-05	3.88E-05	3.93E-05	3.90E-05
N-deuterodiethylamine	hexane	2	25	303.15	1.33E-05	1.33E-05	1.36E-05	1.34E-05
N-deuterodiethylamine	hexane	2	25	313.15	4.33E-06	4.34E-06	4.43E-06	4.36E-06
N-deuterodiethylamine	hexane	2	25	323.15	2.58E-06	2.59E-06	2.64E-06	2.60E-06
N-deuterodiethylamine	hexane	2	25	333.15	1.31E-06	1.32E-06	1.34E-06	1.34E-06
N-deuterodiethylamine	hexane	2	25	343.15	1.01E-06	1.01E-06	1.03E-06	1.02E-06
N-deuterodiethylamine	hexane	2	25	353.15	2.33E-06	2.34E-06	2.35E-06	2.36E-06
N-deuterodimethylamine	hexane	2	23	223.15	1.56E-03	1.66E-03	1.51E-03	1.51E-03
N-deuterodimethylamine	hexane	2	23	233.15	1.52E-04	1.39E-04	2.16E-04	1.31E-04
N-deuterodimethylamine	hexane	2	23	243.15	3.34E-04	3.43E-04	3.50E-04	3.32E-04
N-deuterodimethylamine	hexane	2	23	253.15	6.71E-05	5.03E-05	1.03E-04	5.44E-05
N-deuterodimethylamine	hexane	2	23	263.15	7.50E-05	7.24E-05	8.57E-05	7.28E-05
N-deuterodimethylamine	hexane	2	23	273.15	2.77E-05	1.82E-05	4.39E-05	3.91E-05
N-deuterodimethylamine	hexane	2	23	283.15	3.44E-05	2.65E-05	4.65E-05	3.87E-05
N-deuterodimethylamine	hexane	2	23	293.15	3.70E-05	3.16E-05	4.48E-05	2.47E-04

N-deuteroethylamine	hexane	2	24	233.15	1.70E-04	7.31E-05	4.33E-04	8.59E-05
N-deuteroethylamine	hexane	2	24	253.15	8.06E-05	2.75E-05	1.93E-04	1.86E-04
N-deuteroethylamine	hexane	2	24	273.15	2.36E-05	7.80E-06	5.88E-05	1.07E-05
N-deuteroethylamine	hexane	2	24	293.15	1.27E-05	5.27E-06	2.70E-05	7.74E-06
N-deuteromethylamine	hexane	2	29	218.15	2.80E-03	1.67E-04	n/a	4.66E-05
N-deuteromethylamine	hexane	2	29	253.15	4.33E-04	5.23E-05	4.33E-04	2.93E-05
N-deuteromethylamine	hexane	2	29	273.15	1.66E-04	2.41E-05	1.66E-04	2.71E-05
N-deuteromethylamine	hexane	2	29	293.15	1.98E-04	1.98E-04	1.98E-04	1.90E-04
N-deuteromethylethylamine	hexane	2	26	273.15	3.28E-05	n/a	3.69E-05	3.15E-05
N-deuteromethylethylamine	hexane	2	26	283.15	1.38E-05	n/a	1.55E-05	1.33E-05
N-deuteromethylethylamine	hexane	2	26	293.15	7.54E-06	n/a	8.54E-06	7.25E-06
N-deuteromethylethylamine	hexane	2	26	303.15	5.78E-06	n/a	6.47E-06	6.29E-06
N-deuteromethylethylamine	hexane	2	26	313.15	5.91E-06	n/a	6.42E-06	5.80E-06
N-deuteromethylethylamine	hexane	2	26	323.15	3.95E-06	n/a	4.24E-06	3.89E-06
N-dideuteroisopropylamine	hexane	2	21	283.15	4.83E-06	5.42E-06	1.08E-05	1.04E-05
N-dideuteroisopropylamine	hexane	2	21	293.15	3.30E-06	3.76E-06	7.41E-06	4.36E-06
N-dideuteroisopropylamine	hexane	2	21	303.15	3.80E-06	4.20E-06	6.96E-06	6.76E-06
N-dideuteroisopropylamine	hexane	2	21	313.15	5.04E-06	5.37E-06	7.48E-06	7.41E-06
N-dideuteroisopropylamine	hexane	2	21	323.15	3.83E-06	4.05E-06	5.42E-06	4.45E-06
N-dideuteroisopropylamine	hexane	2	21	333.15	2.99E-06	3.12E-06	3.98E-06	3.47E-06
N-dideuteropropylamine	hexane	2	21	293.15	5.53E-06	4.30E-06	7.54E-06	7.52E-06
N-dideuteropropylamine	hexane	2	21	303.15	5.37E-06	3.97E-06	7.35E-06	7.31E-06
N-dideuteropropylamine	hexane	2	21	313.15	3.75E-06	2.82E-06	5.06E-06	9.08E-05
N-dideuteropropylamine	hexane	2	21	323.15	3.10E-06	2.42E-06	3.99E-06	4.04E-06
N-dideuteropropylamine	hexane	2	21	333.15	3.28E-06	2.69E-06	3.97E-06	3.23E-06
N-dideuteropropylamine	hexane	2	21	343.15	2.07E-06	1.69E-06	2.49E-06	2.70E-06
nitromethane	N,N-dimethylformamide (DMF)	2	17	313.20	7.06E-04	3.83E-04	7.06E-04	8.07E-04
N-methyl-2-pyrrolidone	dodecane	2	14	393.25	4.56E-05	1.66E-04	4.56E-05	4.54E-05
N-methylethylamine	hexane	2	29	273.15	6.82E-05	n/a	7.27E-05	6.66E-05
N-methylethylamine	hexane	2	29	283.15	1.18E-05	n/a	1.29E-05	1.15E-05
N-methylethylamine	hexane	2	29	293.15	6.52E-06	n/a	7.31E-06	7.15E-06
N-methylethylamine	hexane	2	29	303.15	4.22E-06	n/a	4.72E-06	4.14E-06
N-methylethylamine	hexane	2	29	313.15	3.01E-06	n/a	3.29E-06	2.99E-06
N-methylethylamine	hexane	2	29	323.15	2.81E-06	n/a	3.00E-06	2.79E-06
N-propylamine	hexane	2	24	253.15	1.98E-05	1.52E-05	3.14E-05	3.11E-05
N-propylamine	hexane	2	24	273.15	1.21E-05	1.21E-05	1.36E-05	1.32E-05
N-propylamine	hexane	2	24	293.15	4.22E-06	4.28E-06	4.74E-06	4.66E-06

N-propylamine	hexane	2	21	293.15	6.06E-06	5.98E-06	6.71E-06	5.99E-06
N-propylamine	hexane	2	21	303.15	3.28E-06	2.61E-06	4.43E-06	2.93E-06
N-propylamine	hexane	2	21	313.15	4.12E-06	3.50E-06	5.06E-06	5.04E-06
N-propylamine	hexane	2	21	323.15	4.97E-06	4.82E-06	5.27E-06	5.29E-06
N-propylamine	hexane	2	21	333.15	2.08E-06	1.75E-06	2.54E-06	2.02E-06
N-propylamine	hexane	2	21	343.15	1.88E-06	1.61E-06	2.22E-06	2.41E-06
octane	1-octanol	2	14	373.15	1.49E-03	1.57E-03	1.27E-03	1.13E-03
octane	1-octanol	2	13	383.15	2.90E-04	3.19E-04	2.47E-04	2.38E-04
octane	1-pentanol	2	15	363.27	4.97E-06	5.03E-06	2.50E-05	5.63E-06
octane	1-pentanol	2	15	373.32	7.63E-06	2.58E-06	3.15E-05	2.73E-05
octane	2-methylpyridine	2	16	348.15	2.70E-07	1.52E-06	1.38E-07	4.94E-08
octane	2-methylpyridine	2	18	313.15	6.42E-06	9.11E-06	6.45E-06	6.40E-06
octane	3-methylpyridine	2	15	348.15	2.08E-05	8.53E-05	1.86E-05	1.43E-05
octane	4-methylpyridine	2	15	348.15	1.22E-05	7.75E-06	1.59E-05	6.92E-06
octane	acetic anhydride	2	48	397.65	6.51E-05	6.31E-05	1.47E-04	2.03E-05
octane	N-methyl propanamide	2	15	363.15	1.04E-04	7.47E-04	1.62E-04	9.60E-05
octane	N-methyl propanamide	2	15	383.15	9.89E-05	3.94E-04	1.67E-04	7.25E-05
o-deuteromethanol	hexane	2	28	308.15	3.69E-03	2.44E-04	n/a	n/a
o-deuteromethanol	hexane	2	28	313.15	3.29E-03	2.24E-04	n/a	n/a
o-deuteromethanol	hexane	2	28	323.15	2.46E-03	1.96E-04	n/a	n/a
o-deuteromethanol	hexane	2	28	333.15	1.66E-03	2.26E-04	n/a	n/a
o-deuteromethanol	hexane	2	28	343.15	9.69E-04	3.13E-04	n/a	n/a
o-deuteromethanol	hexane	2	28	348.15	7.45E-04	3.62E-04	n/a	n/a
oxetane	cyclohexane	2	18	298.15	1.01E-05	9.65E-06	1.21E-05	1.40E-05
pentane	1,3-cyclopentadiene	2	12	273.15	7.01E-05	5.04E-05	7.25E-05	6.80E-05
pentane	1,3-cyclopentadiene	2	12	278.15	2.74E-05	2.21E-05	2.82E-05	2.67E-05
pentane	1,3-cyclopentadiene	2	12	283.15	1.24E-05	8.88E-06	1.29E-05	1.16E-05
pentane	1,3-cyclopentadiene	2	12	288.15	1.08E-05	9.32E-06	1.12E-05	1.01E-05
pentane	1-bromopentane	2	12	293.15	1.26E-04	4.15E-05	4.45E-05	4.32E-05
pentane	1-bromopentane	2	12	283.15	4.46E-05	5.05E-06	5.01E-06	5.01E-06
pentane	1-bromopentane	2	12	273.15	6.05E-05	7.99E-06	7.86E-06	7.87E-06
pentane	1-bromopentane	2	12	263.15	7.44E-05	1.97E-05	2.11E-05	2.12E-05
pentane	1-bromopentane	2	12	253.15	2.95E-04	4.60E-05	5.43E-05	6.36E-04
pentane	1-bromopentane	2	12	243.15	6.39E-04	6.06E-05	6.93E-05	7.01E-05
pentane	1-bromopentane	2	12	233.15	1.01E-03	8.20E-05	9.61E-05	9.90E-05
pentane	1-bromopentane	2	12	223.15	2.21E-03	4.69E-04	4.99E-04	4.95E-04
pentane	2-butanol	2	28	303.15	2.39E-03	6.90E-05	4.88E-04	1.27E-04

pentane	3-bromopentane	2	12	293.15	1.87E-05	7.00E-06	7.89E-06	7.91E-06
pentane	3-bromopentane	2	12	283.15	1.63E-05	8.52E-06	9.16E-06	9.24E-06
pentane	3-bromopentane	2	12	273.15	1.37E-05	9.41E-06	1.05E-05	1.08E-05
pentane	3-bromopentane	2	12	263.15	5.01E-05	5.12E-05	5.38E-05	5.51E-05
pentane	3-bromopentane	2	12	253.15	1.71E-04	1.20E-04	1.31E-04	1.37E-04
pentane	3-bromopentane	2	12	243.15	2.70E-04	2.71E-04	2.74E-04	2.80E-04
pentane	3-bromopentane	2	12	233.15	4.10E-04	4.13E-04	4.50E-04	4.53E-04
pentane	3-bromopentane	2	12	223.15	9.20E-04	9.19E-04	1.01E-03	1.01E-03
pentane	acetonitrile	2	10	393.15	3.32E-05	3.04E-05	3.32E-05	n/a
pentane	acrylonitrile	2	15	333.15	1.62E-04	6.17E-05	n/a	6.69E-05
pentane	acrylonitrile	2	15	363.15	1.32E-05	2.26E-05	1.32E-05	9.49E-06
pentane	acrylonitrile	2	15	393.15	4.52E-05	3.95E-05	4.52E-05	4.68E-05
pentane	butyl chloride	2	15	298.15	1.21E-07	1.11E-07	1.45E-07	1.45E-07
pentane	butyl chloride	2	15	348.25	3.01E-07	2.95E-07	3.09E-07	3.06E-07
pentane	cyclohexene	2	10	278.15	1.30E-05	1.31E-05	1.32E-05	1.34E-05
pentane	dichloromethane	2	15	298.19	9.22E-06	4.18E-06	9.22E-06	5.81E-06
pentane	dichloromethane	2	15	348.17	5.12E-06	3.61E-06	5.12E-06	4.61E-06
pentane	dichloromethane	2	15	398.16	2.27E-06	2.55E-06	2.27E-06	2.08E-06
pentane	ethanol	2	26	303.15	6.96E-04	9.88E-06	n/a	n/a
pentane	methyl acetate	2	15	298.15	2.57E-04	2.64E-04	2.81E-04	2.25E-04
pentane	N,N-dimethylformamide (DMF)	2	12	273.15	4.76E-03	9.18E-03	n/a	n/a
pentane	N,N-dimethylformamide (DMF)	2	12	293.15	2.15E-03	6.59E-03	n/a	n/a
pentane	propionitrile	2	11	313.15	1.57E-04	1.41E-05	n/a	2.49E-05
pentane	tert-pentanol	2	30	343.15	9.45E-05	4.01E-05	8.81E-05	9.33E-05
pentane	tert-pentanol	2	34	363.15	7.64E-05	3.07E-05	5.07E-05	5.73E-05
pentane	tert-pentanol	2	37	383.15	4.49E-05	2.09E-05	2.63E-05	2.83E-05
perdeuterodimethylamine	hexane	2	23	223.15	2.27E-03	2.41E-03	2.20E-03	2.19E-03
perdeuterodimethylamine	hexane	2	23	233.15	1.70E-04	1.47E-04	2.49E-04	2.47E-04
perdeuterodimethylamine	hexane	2	23	243.15	8.29E-05	4.79E-05	1.52E-04	5.65E-05
perdeuterodimethylamine	hexane	2	23	253.15	4.35E-05	2.22E-05	8.55E-05	2.78E-05
perdeuterodimethylamine	hexane	2	23	263.15	3.09E-05	2.27E-05	4.91E-05	4.63E-05
perdeuterodimethylamine	hexane	2	23	273.15	2.70E-05	1.78E-05	4.31E-05	2.11E-05
perdeuterodimethylamine	hexane	2	23	283.15	2.71E-05	2.07E-05	3.76E-05	3.42E-05
perdeuterodimethylamine	hexane	2	23	293.15	3.57E-05	3.08E-05	4.30E-05	3.93E-05
perdeuteromethanol	hexane	2	24	308.15	3.45E-03	1.41E-04	n/a	n/a
perdeuteromethanol	hexane	2	24	333.15	1.70E-03	1.54E-04	n/a	n/a
perdeuteromethanol	hexane	2	24	343.15	9.96E-04	2.30E-04	n/a	1.74E-04

perdeuteromethanol	hexane	2	24	348.15	7.28E-04	3.03E-04	n/a	1.29E-04
perdeuteromethylamine	hexane	2	33	218.15	2.20E-03	2.80E-04	n/a	n/a
perdeuteromethylamine	hexane	2	33	253.15	4.49E-04	3.45E-05	4.49E-04	7.57E-04
perdeuteromethylamine	hexane	2	33	273.15	1.69E-04	1.42E-05	1.69E-04	1.80E-05
perdeuteromethylamine	hexane	2	33	293.15	7.05E-05	1.31E-05	7.05E-05	1.91E-05
perfluorocyclohexane	cis-1,3,5-trimethylcyclohexane	2	10	343.15	1.14E-03	1.77E-02	1.14E-03	5.25E-05
perfluoromethylcyclohexane	hexafluorobenzene	2	12	298.15	2.01E-05	1.97E-05	2.01E-05	2.04E-05
perfluoromethylcyclohexane	hexafluorobenzene	2	12	303.15	1.71E-05	1.69E-05	1.71E-05	1.76E-05
perfluoromethylcyclohexane	hexafluorobenzene	2	12	308.15	5.64E-06	5.63E-06	5.64E-06	5.99E-06
perfluoromethylcyclohexane	hexafluorobenzene	2	12	313.15	1.46E-06	1.56E-06	1.46E-06	1.67E-06
perfluoromethylcyclohexane	hexafluorobenzene	2	12	318.15	3.13E-06	3.19E-06	3.13E-06	3.31E-06
perfluoromethylcyclohexane	hexafluorobenzene	2	12	323.15	4.44E-06	4.34E-06	4.44E-06	4.11E-06
phenol	1,3-dihydroxybenzene <resorcinol>	2	13	434.85	3.29E-03	1.28E-03	1.37E-03	1.45E-03
phenol	1,3-dihydroxybenzene <resorcinol>	2	14	450.95	7.25E-04	3.81E-04	3.84E-04	3.89E-04
phenol	1,3-dihydroxybenzene <resorcinol>	2	13	475.15	5.16E-04	2.45E-04	2.47E-04	2.50E-04
pyridine	decane	2	18	348.15	5.78E-04	8.07E-04	5.78E-04	2.51E-04
pyridine	nonane	2	14	348.15	2.30E-04	1.27E-04	2.31E-04	2.35E-04
pyridine	nonane	2	18	313.15	6.92E-06	3.76E-05	6.92E-06	3.08E-06
pyridine	octane	2	16	348.15	1.15E-04	8.53E-05	1.15E-04	8.85E-05
pyridine	octane	2	14	313.15	9.94E-06	4.11E-05	9.94E-06	1.01E-05
tert-butanol	heptane	2	15	313.15	1.45E-04	8.52E-05	2.90E-04	1.25E-04
tert-butanol	heptane	2	22	313.15	1.89E-04	1.19E-04	3.54E-04	1.78E-04
tert-butanol	octane	2	16	313.15	4.32E-04	2.73E-04	8.67E-04	3.75E-04
tert-butyl chloride	2,2,4-trimethylpentane	2	22	293.15	1.33E-05	1.40E-05	1.51E-05	1.42E-05
tetrachloromethane	1,2-dichloroethane	2	12	298.15	4.23E-06	4.41E-06	4.23E-06	4.22E-06
tetrachloromethane	1,2-dichloroethane	2	29	298.15	1.18E-03	1.16E-03	1.18E-03	1.17E-03
tetrachloromethane	1,2-dichloroethane	2	28	322.00	2.39E-04	2.40E-04	2.39E-04	2.39E-04
tetrachloromethane	acrylonitrile	2	15	303.15	7.18E-06	3.32E-05	7.18E-06	3.60E-06
tetrachloromethane	acrylonitrile	2	15	323.15	1.93E-05	4.46E-05	1.93E-05	1.51E-05
tetrachloromethane	benzene	2	11	283.15	4.90E-05	4.80E-05	4.90E-05	4.72E-05
tetrachloromethane	dimethyl sulfoxide	2	21	293.15	5.96E-04	3.75E-05	5.96E-04	3.06E-05
tetrachloromethane	dimethyl sulfoxide	2	21	313.15	6.97E-04	1.67E-04	6.97E-04	1.48E-04
tetrachloromethane	heptane	2	10	298.15	1.52E-05	1.50E-05	1.52E-05	1.61E-05
tetrachloromethane	heptane	2	10	308.15	6.46E-06	6.37E-06	6.46E-06	7.21E-06
tetrachloromethane	hexafluorobenzene	2	13	278.68	9.21E-06	9.71E-06	9.21E-06	7.82E-06
tetrachloromethane	hexafluorobenzene	2	11	293.15	1.88E-05	1.90E-05	1.88E-05	1.78E-05
tetrachloromethane	hexafluorobenzene	2	11	298.15	6.07E-06	6.26E-06	6.07E-06	4.99E-06

tetrachloromethane	hexafluorobenzene	2	11	303.15	7.24E-06	7.27E-06	7.24E-06	7.14E-06
tetrachloromethane	hexafluorobenzene	2	11	308.15	9.29E-06	9.25E-06	9.29E-06	9.88E-06
tetrachloromethane	hexafluorobenzene	2	11	313.23	4.27E-06	4.24E-06	4.27E-06	2.69E-05
tetrachloromethane	hexafluorobenzene	2	11	318.15	7.10E-06	7.24E-06	7.10E-06	6.85E-06
tetrachloromethane	hexafluorobenzene	2	11	323.07	1.68E-05	1.69E-05	1.68E-05	1.43E-05
tetradecane	1-dodecanol	2	11	453.15	1.27E-04	8.41E-05	8.29E-05	8.26E-05
tetradecane	1-dodecanol	2	12	473.15	5.79E-05	5.82E-05	5.68E-05	5.69E-05
tetradeuteromethanethiol	hexane	2	25	293.15	6.73E-05	5.11E-05	6.73E-05	8.10E-05
tetradeuteromethanethiol	hexane	2	25	283.15	6.87E-05	4.85E-05	6.87E-05	6.21E-05
tetradeuteromethanethiol	hexane	2	25	273.15	6.41E-05	3.82E-05	6.41E-05	6.17E-05
tetradeuteromethanethiol	hexane	2	25	263.15	4.90E-05	2.05E-05	4.90E-05	5.78E-05
tetradeuteromethanethiol	hexane	2	25	253.15	1.03E-04	4.57E-05	1.03E-04	5.97E-05
tetradeuteromethanethiol	hexane	2	25	243.15	1.38E-04	5.30E-05	1.38E-04	1.69E-04
tetradeuteromethanethiol	hexane	2	25	233.15	2.12E-04	1.15E-04	2.12E-04	2.51E-04
tetradeuteromethanethiol	hexane	2	25	223.15	3.40E-04	1.50E-04	3.40E-04	4.07E-04
tetrahydrofuran	cyclohexane	2	21	298.15	4.11E-05	4.29E-05	4.37E-05	4.51E-05
tetrahydrofuran	cyclohexane	2	16	298.15	7.89E-06	8.04E-06	7.81E-06	7.81E-06
tetrahydrofuran	cyclohexane	2	16	313.15	1.10E-05	1.11E-05	1.09E-05	1.09E-05
tetrahydrofuran	cyclohexane	2	18	298.15	1.24E-06	1.27E-06	1.25E-06	1.24E-06
tetrahydrofuran	methylcyclohexane	2	18	303.15	1.09E-04	9.20E-05	8.93E-05	7.95E-05
tetrahydrofuran	methylcyclohexane	2	18	323.15	1.50E-05	1.89E-06	1.57E-06	5.62E-07
tridecane	1-dodecanol	2	13	453.15	4.20E-05	4.17E-05	4.36E-05	4.42E-05
trideuteromethanethiol	hexane	2	24	293.15	4.98E-05	3.69E-05	4.98E-05	4.90E-05
trideuteromethanethiol	hexane	2	24	283.15	3.32E-05	1.84E-05	3.32E-05	2.94E-05
trideuteromethanethiol	hexane	2	24	273.15	3.58E-05	1.56E-05	3.58E-05	2.66E-05
trideuteromethanethiol	hexane	2	24	263.15	2.93E-05	1.04E-05	2.93E-05	4.68E-05
trideuteromethanethiol	hexane	2	24	253.15	4.47E-05	1.07E-05	4.47E-05	6.88E-05
trideuteromethanethiol	hexane	2	24	243.15	1.05E-04	4.53E-05	1.05E-04	5.46E-05
trideuteromethanethiol	hexane	2	24	233.15	7.35E-05	4.94E-05	7.35E-05	4.87E-05
trideuteromethanethiol	hexane	2	24	223.15	3.43E-04	1.66E-04	3.43E-04	1.73E-04
trideuteromethanol	hexane	2	31	308.15	3.76E-03	1.69E-04	n/a	8.30E-04
trideuteromethanol	hexane	2	31	313.15	3.34E-03	1.52E-04	n/a	n/a
trideuteromethanol	hexane	2	31	323.15	2.48E-03	1.33E-04	n/a	n/a
trideuteromethanol	hexane	2	31	333.15	1.71E-03	1.47E-04	n/a	2.17E-04
trideuteromethanol	hexane	2	31	343.15	1.09E-03	2.10E-04	n/a	n/a
trideuteromethanol	hexane	2	31	348.15	8.39E-04	2.52E-04	n/a	7.49E-05
trideuteromethyl iodide	hexane	2	19	293.15	1.66E-05	1.59E-05	2.16E-05	2.31E-05

trideuteromethyl iodide	hexane	2	19	303.15	1.48E-05	1.37E-05	2.09E-05	1.88E-05
trideuteromethyl iodide	hexane	2	19	313.15	5.35E-06	4.59E-06	8.31E-06	1.30E-05
trideuteromethyl iodide	hexane	2	19	323.15	4.34E-06	3.73E-06	6.41E-06	7.24E-06
trideuteromethyl iodide	hexane	2	19	333.15	3.53E-06	3.09E-06	4.94E-06	8.67E-06
trideuteromethyl iodide	hexane	2	19	343.15	3.22E-06	2.89E-06	4.19E-06	5.46E-06
trideuteromethylamine	hexane	2	30	218.15	2.17E-03	2.67E-04	n/a	n/a
trideuteromethylamine	hexane	2	30	253.15	4.50E-04	3.31E-05	4.50E-04	2.46E-05
trideuteromethylamine	hexane	2	30	273.15	1.77E-04	1.42E-05	1.77E-04	1.96E-05
trideuteromethylamine	hexane	2	30	293.15	1.02E-04	2.09E-05	1.02E-04	1.54E-04
trimethylamine	hexane	2	22	223.15	8.59E-04	8.16E-04	8.13E-04	7.69E-04
trimethylamine	hexane	2	22	233.15	2.46E-04	2.46E-04	2.46E-04	2.43E-04
trimethyleneimine	cyclohexane	2	13	298.15	1.14E-04	1.19E-04	1.67E-04	1.34E-04
water	dimethyl sulfoxide	2	18	298.15	1.88E-03	1.72E-03	1.88E-03	1.03E-03
water	dimethyl sulfoxide	2	11	343.15	2.58E-04	2.50E-04	2.58E-04	1.56E-04
water	dimethyl sulfoxide	2	11	298.15	2.73E-03	2.66E-03	2.73E-03	2.71E-03
water	dimethyl sulfoxide	2	11	298.15	2.28E-03	2.09E-03	2.28E-03	9.48E-03
water	dimethyl sulfoxide	2	11	343.15	2.54E-04	2.47E-04	2.54E-04	1.62E-03
water	dimethyl sulfoxide	2	47	298.15	9.72E-04	9.25E-04	9.72E-04	4.30E-04
water	dimethyl sulfoxide	2	32	296.09	1.27E-03	1.20E-03	1.27E-03	4.84E-03
water	dimethyl sulfoxide	2	13	293.15	4.14E-03	3.91E-03	4.14E-03	7.22E-03
water	dimethyl sulfoxide	2	13	298.15	4.19E-03	4.00E-03	4.19E-03	8.21E-03
water	dimethyl sulfoxide	2	13	303.15	3.62E-03	3.36E-03	3.62E-03	8.92E-03
water	dimethyl sulfoxide	2	14	313.15	7.54E-04	7.04E-04	7.54E-04	9.85E-04
water	dimethyl sulfoxide	2	14	333.15	1.66E-04	1.49E-04	1.66E-04	1.61E-04
water	dimethyl sulfoxide	2	14	353.15	1.06E-04	9.34E-05	1.06E-04	9.74E-05
water	N,N-dimethylformamide (DMF)	2	18	303.15	2.55E-04	4.23E-04	2.55E-04	5.18E-04
water	N,N-dimethylformamide (DMF)	2	23	313.15	2.14E-04	3.03E-04	2.14E-04	3.49E-04
water	N,N-dimethylformamide (DMF)	2	11	303.15	1.14E-03	1.71E-03	1.14E-03	1.91E-03
water	N,N-dimethylformamide (DMF)	2	11	323.15	6.57E-05	3.39E-04	6.57E-05	4.01E-04
water	N,N-dimethylformamide (DMF)	2	11	343.15	1.41E-04	1.41E-04	1.41E-04	1.34E-04
water	N,N-dimethylformamide (DMF)	2	10	373.15	1.02E-04	1.10E-04	1.02E-04	8.31E-05
water	N-methyl-2-pyrrolidone	2	11	293.15	1.59E-04	5.04E-04	1.59E-04	1.43E-04
water	pyridine	2	12	298.15	2.22E-04	1.04E-04	2.22E-04	2.28E-04
water	pyridine	2	12	308.15	1.76E-04	8.04E-05	1.76E-04	4.43E-03
water	pyridine	2	12	318.15	1.67E-04	1.25E-04	1.67E-04	1.52E-04
1,2,3-trimethylbenzene	2-methylphenol	3	14	428.15	4.68E-05	4.70E-05	4.48E-05	4.53E-05
1,2,3-trimethylbenzene	2-methylphenol	3	14	443.15	4.08E-06	4.08E-06	3.78E-06	3.86E-06

1,2,3-trimethylbenzene	phenol	3	16	413.15	8.07E-06	9.36E-06	7.31E-06	7.82E-06
1,2,3-trimethylbenzene	phenol	3	16	438.15	1.50E-05	1.63E-05	1.43E-05	1.50E-05
1,2,4-trimethylbenzene	phenol	3	15	393.51	4.10E-06	4.16E-06	2.12E-06	2.24E-06
1,2,4-trimethylbenzene	phenol	3	15	403.15	1.48E-06	2.79E-06	8.71E-07	1.04E-06
1,2-dichloroethane	1,4-dioxane	3	14	298.15	3.71E-05	3.72E-05	3.71E-05	4.11E-05
1,2-dichloroethane	tetrachloroethylene	3	15	298.15	3.59E-05	3.43E-05	3.61E-05	3.48E-05
1,2-dichloropropane	1,2-propanediol	3	61	348.15	7.14E-04	1.04E-03	n/a	n/a
1,2-ethanediol	ethylene glycol monohexyl ether	3	18	373.15	1.26E-05	n/a	5.24E-05	1.90E-05
1,2-ethanediol	ethylene glycol monohexyl ether	3	18	453.15	6.87E-05	n/a	6.87E-05	4.52E-05
1,2-propanediol	dipropylene glycol methyl ether	3	18	373.15	5.55E-05	5.83E-05	5.51E-05	5.27E-05
1,2-propanediol	dipropylene glycol methyl ether	3	17	453.15	2.34E-06	2.30E-06	2.35E-06	2.45E-06
1,2-propanediol	ethylene glycol monohexyl ether	3	16	373.15	3.91E-05	n/a	3.72E-05	3.41E-05
1,2-propanediol	ethylene glycol monohexyl ether	3	17	453.15	1.58E-05	n/a	1.52E-05	1.38E-05
1,2-propylene oxide	1,2-dichloropropane	3	12	308.10	8.84E-05	1.28E-04	1.11E-04	2.66E-04
1,2-propylene oxide	1,2-dichloropropane	3	13	318.20	1.68E-05	1.69E-05	1.68E-05	5.41E-05
1,2-propylene oxide	1,2-dichloropropane	3	13	333.20	7.42E-06	7.54E-06	7.56E-06	7.28E-05
1,2-propylene oxide	1,2-propanediol	3	17	273.15	8.78E-05	1.22E-04	1.64E-04	8.94E-05
1,2-propylene oxide	1,2-propanediol	3	17	312.89	8.98E-05	3.76E-05	1.59E-04	3.64E-05
1,2-propylene oxide	2-methyl-2-pentene	3	16	273.15	1.27E-04	6.32E-05	7.43E-05	6.80E-05
1,2-propylene oxide	2-methyl-2-pentene	3	16	338.15	4.75E-05	4.81E-05	4.63E-05	4.31E-05
1,2-propylene oxide	methyl tert-butyl ether (MTBE)	3	20	303.15	2.36E-05	2.56E-05	2.84E-05	2.60E-05
1,2-propylene oxide	tert-butanol	3	12	308.22	5.99E-06	5.99E-06	6.10E-06	6.25E-06
1,2-propylene oxide	tert-butanol	3	14	318.17	9.70E-06	9.65E-06	9.14E-06	7.37E-06
1,2-propylene oxide	tert-butanol	3	12	333.18	5.48E-06	5.43E-06	5.39E-06	5.21E-06
1,3,5-trimethylbenzene	dimethyl sulfoxide	3	12	293.15	1.99E-03	2.30E-03	1.99E-03	1.97E-03
1,3,5-trimethylbenzene	dimethyl sulfoxide	3	12	303.15	1.01E-03	1.31E-03	1.01E-03	1.00E-03
1,3,5-trimethylbenzene	dimethyl sulfoxide	3	12	313.15	9.88E-04	1.39E-03	9.88E-04	9.70E-04
1,3,5-trimethylbenzene	dimethyl sulfoxide	3	12	323.15	1.13E-03	1.55E-03	1.13E-03	1.11E-03
1,3,5-trimethylbenzene	dimethyl sulfoxide	3	12	333.15	1.74E-03	2.23E-03	1.74E-03	1.90E-03
1,4-dioxane	4-methyl-2-pentanone	3	23	308.65	1.61E-04	1.60E-04	1.60E-04	1.65E-04
1,4-dioxane	4-methyl-2-pentanone	3	21	313.15	3.40E-05	4.88E-05	4.66E-05	3.75E-05
1,4-dioxane	4-methyl-2-pentanone	3	22	318.15	9.06E-05	7.88E-05	5.14E-05	5.96E-05
1,4-dioxane	cyclopentanol	3	19	298.15	1.30E-06	1.49E-06	2.10E-06	1.30E-06
1,4-dioxane	dimethyl sulfoxide	3	26	293.15	9.39E-05	1.11E-04	9.42E-05	9.39E-05
1,4-dioxane	dimethyl sulfoxide	3	26	313.15	1.62E-04	2.66E-04	2.91E-04	2.98E-04
1,4-dioxane	methyl ethyl ketoxime	3	18	298.15	1.03E-04	1.07E-04	1.06E-04	1.10E-04
1,4-dioxane	pyridine	3	21	308.65	3.78E-05	4.06E-05	7.11E-05	4.29E-05

1,4-dioxane	pyridine	3	25	318.15	3.72E-05	3.74E-05	3.63E-05	3.76E-05
1,4-dioxane	pyridine	3	21	323.15	8.57E-06	1.01E-05	8.71E-06	1.21E-05
1-butanol	2,6-dimethylpyridine	3	17	313.15	5.18E-06	5.18E-06	5.22E-06	5.25E-06
1-butanol	2-methylpyridine	3	18	313.15	4.10E-06	4.22E-06	4.11E-06	4.72E-05
1-butanol	3-methylpyridine	3	15	313.15	5.30E-06	4.86E-06	4.76E-06	7.98E-06
1-butanol	4-methylpyridine	3	18	313.15	6.19E-06	2.77E-05	3.04E-05	1.43E-04
1-butanol	acetic acid	3	12	298.15	2.89E-03	2.72E-03	3.20E-03	5.72E-03
1-butanol	acetic acid	3	12	308.15	1.47E-03	1.40E-03	1.75E-03	2.24E-03
1-butanol	acetic acid	3	12	318.15	1.04E-03	9.81E-04	1.17E-03	1.19E-03
1-butanol	N,N-dimethylformamide (DMF)	3	21	338.15	9.67E-06	1.01E-05	1.14E-05	1.02E-05
1-butanol	N,N-dimethylformamide (DMF)	3	18	398.15	1.64E-05	1.86E-05	2.35E-05	1.82E-05
1-butanol	N,N-dimethylformamide (DMF)	3	10	353.15	5.30E-05	8.63E-05	1.24E-04	9.53E-05
1-butanol	N,N-dimethylformamide (DMF)	3	10	363.15	1.32E-05	1.77E-05	3.84E-05	1.93E-05
1-butanol	N,N-dimethylformamide (DMF)	3	10	373.15	2.29E-05	2.69E-05	4.03E-05	2.65E-05
1-buten-3-yne	isoprene	3	10	273.15	2.28E-05	2.57E-05	2.58E-05	2.57E-05
1-buten-3-yne	N,N-dimethylformamide (DMF)	3	13	293.35	2.85E-03	4.40E-03	4.36E-03	4.36E-03
1-butene	morpholine	3	27	316.05	2.85E-05	1.18E-04	2.85E-05	2.74E-05
1-butene	morpholine	3	26	343.05	9.50E-05	1.61E-04	9.50E-05	9.43E-05
1-butene	N,N-dimethylformamide (DMF)	3	16	293.15	3.88E-04	1.19E-03	n/a	n/a
1-butene	N,N-dimethylformamide (DMF)	3	16	363.15	2.09E-04	5.14E-04	2.09E-04	1.71E-04
1-butyne	acetonitrile	3	13	273.15	7.93E-05	1.10E-04	1.60E-04	1.35E-04
1-butyne	acetonitrile	3	13	300.15	4.57E-05	7.44E-05	1.19E-04	1.34E-04
1-butyne	acetonitrile	3	13	326.15	9.77E-05	1.23E-04	1.59E-04	1.45E-04
1-butyne	acetonitrile	3	13	353.15	4.16E-05	5.79E-05	7.94E-05	7.04E-05
1-butyne	N,N-dimethylformamide (DMF)	3	16	294.40	1.46E-04	1.46E-04	1.53E-04	1.97E-04
1-butyne	N,N-dimethylformamide (DMF)	3	17	308.60	1.24E-04	1.25E-04	1.31E-04	1.70E-04
1-butyne	N,N-dimethylformamide (DMF)	3	16	313.30	5.58E-05	5.73E-05	5.71E-05	8.16E-05
1-butyne	N,N-dimethylformamide (DMF)	3	10	273.15	9.87E-05	9.90E-05	1.14E-04	1.90E-04
1-heptene	1-propanol	3	14	298.15	6.63E-05	1.44E-04	n/a	n/a
1-heptene	1-propanol	3	14	318.15	4.78E-05	7.55E-05	1.18E-04	1.23E-04
1-heptene	triethyl orthoformate <triethoxymethane>	3	11	343.15	1.29E-05	1.29E-05	1.29E-05	1.28E-05
1-hexanol	N-methyl-2-pyrrolidone	3	12	351.75	2.06E-04	2.05E-04	2.07E-04	2.07E-04
1-hexanol	N-methyl-2-pyrrolidone	3	11	393.35	9.61E-06	3.21E-05	6.58E-05	2.84E-05
1-hexene	1-propanol	3	12	298.15	1.29E-04	5.90E-05	4.49E-04	1.10E-04
1-hexene	1-propanol	3	12	318.15	5.19E-05	7.58E-06	2.86E-04	3.06E-05
1-hexene	5-nonanone	3	10	333.15	1.40E-05	1.41E-05	1.39E-05	1.30E-05
1-hexene	benzene	3	10	283.15	5.41E-05	5.26E-05	5.42E-05	5.46E-05

1-hexene	benzene	3	10	303.15	4.06E-05	4.02E-05	4.09E-05	4.33E-05
1-hexene	benzene	3	10	323.15	1.52E-05	1.49E-05	1.52E-05	1.55E-05
1-hexene	benzene	3	24	313.15	1.98E-08	2.04E-08	2.14E-08	2.88E-08
1-hexene	carbonic acid dimethyl ester	3	11	283.15	4.19E-06	5.20E-06	9.33E-05	9.15E-05
1-hexene	carbonic acid dimethyl ester	3	11	293.15	4.86E-05	5.45E-06	6.75E-05	8.40E-06
1-hexene	carbonic acid dimethyl ester	3	11	313.15	3.79E-06	5.09E-06	3.49E-05	7.26E-06
1-hexene	carbonic acid dimethyl ester	3	11	323.15	1.88E-05	4.33E-06	2.48E-05	2.46E-05
1-hexene	carbonic acid dimethyl ester	3	11	333.15	1.37E-05	3.67E-06	1.79E-05	4.97E-06
1-hexene	carbonic acid dimethyl ester	3	11	343.15	2.70E-06	3.49E-06	1.35E-05	1.29E-05
1-hexene	carbonic acid dimethyl ester	3	11	363.15	5.83E-06	6.47E-06	1.16E-05	7.06E-06
1-hexene	carbonic acid dimethyl ester	3	11	373.15	9.89E-06	1.05E-05	1.44E-05	1.03E-04
1-hexene	N-methyl-2-pyrrolidone	3	58	363.61	9.90E-06	2.28E-05	1.25E-04	1.10E-04
1-hexyne	acetonitrile	3	12	273.15	1.89E-05	5.82E-05	1.26E-04	6.61E-05
1-hexyne	acetonitrile	3	12	298.15	4.37E-05	4.46E-05	7.25E-05	7.24E-05
1-hexyne	acetonitrile	3	12	328.15	8.49E-06	2.33E-05	5.26E-05	5.09E-05
1-hexyne	carbonic acid dimethyl ester	3	10	278.15	3.65E-06	3.18E-06	3.72E-06	3.53E-06
1-hexyne	carbonic acid dimethyl ester	3	10	298.15	3.04E-07	4.73E-07	6.27E-07	5.48E-07
1-hexyne	carbonic acid dimethyl ester	3	10	328.15	2.81E-04	2.83E-04	2.81E-04	2.80E-04
1-hexyne	nitroethane	3	11	298.15	1.12E-05	3.22E-05	6.56E-05	5.82E-05
1-hexyne	nitroethane	3	11	318.15	5.87E-05	2.17E-05	4.81E-05	2.68E-05
1-hexyne	nitroethane	3	11	343.15	2.39E-06	1.37E-05	2.85E-05	2.59E-05
1-methoxy-2-propanol	1,2-propanediol	3	17	348.15	5.40E-05	5.40E-05	5.41E-05	5.40E-05
1-methoxy-2-propanol	1,2-propanediol	3	17	393.15	4.63E-05	4.63E-05	4.58E-05	4.56E-05
1-pentanol	1,2-ethanediol	3	12	373.15	3.59E-04	7.79E-05	4.24E-04	2.23E-04
1-pentanol	dimethyl sulfoxide	3	11	373.15	5.11E-05	3.24E-04	1.11E-03	3.94E-04
1-pentene	methyl acetate	3	59	323.15	4.07E-08	2.03E-06	5.10E-06	5.16E-06
1-pentene	N,N-dimethylformamide (DMF)	3	15	293.15	1.18E-04	7.83E-04	n/a	n/a
1-pentene	N,N-dimethylformamide (DMF)	3	11	303.15	6.80E-04	9.53E-04	n/a	n/a
1-pentene	N,N-dimethylformamide (DMF)	3	11	313.15	6.63E-04	9.37E-04	n/a	n/a
1-pentene	N,N-dimethylformamide (DMF)	3	10	323.15	5.95E-04	8.59E-04	6.57E-04	6.41E-04
1-pentene	N-methyl-2-pyrrolidone	3	37	363.52	1.14E-03	1.38E-03	1.14E-03	1.15E-03
1-propanol	1,2-ethanediol	3	29	333.15	8.68E-05	1.78E-04	2.50E-04	1.99E-04
1-propanol	1,4-dioxane	3	29	333.15	1.90E-06	1.95E-06	1.90E-06	1.90E-06
1-propanol	2,6-dimethylpyridine	3	18	313.15	2.66E-06	3.00E-06	3.03E-06	3.14E-06
1-propanol	2-methylpyridine	3	16	313.15	1.70E-06	2.65E-06	2.19E-06	3.99E-06
1-propanol	3-methylpyridine	3	17	313.15	4.72E-06	8.20E-06	4.93E-06	1.52E-05
1-propanol	4-methylpyridine	3	19	313.15	7.21E-06	1.43E-05	9.89E-06	2.21E-05

1-propanol	butanenitrile	3	12	278.15	1.37E-05	2.60E-04	4.47E-04	2.98E-04
1-propanol	butanenitrile	3	12	288.15	9.68E-06	1.48E-04	2.24E-04	1.61E-04
1-propanol	butanenitrile	3	12	293.15	1.66E-04	1.24E-04	1.86E-04	1.89E-04
1-propanol	butanenitrile	3	12	298.15	1.05E-05	6.34E-05	9.75E-05	9.68E-05
1-propanol	butanenitrile	3	12	303.15	4.71E-06	3.42E-05	5.87E-05	3.88E-05
1-propanol	butanenitrile	3	12	308.15	3.50E-06	2.27E-05	3.97E-05	2.60E-05
1-propanol	butanenitrile	3	12	313.15	1.95E-06	1.06E-05	2.11E-05	2.13E-05
1-propanol	butanenitrile	3	12	323.15	3.47E-06	9.29E-06	1.77E-05	1.08E-05
1-propanol	diethylene glycol dimethyl ether	3	24	308.15	1.10E-05	1.13E-05	1.07E-05	1.55E-05
1-propanol	dimethyl sulfoxide	3	28	333.15	9.30E-05	3.70E-04	5.92E-04	4.27E-04
1-propanol	N,N-dimethylformamide (DMF)	3	24	333.15	2.64E-05	3.87E-05	3.90E-05	3.81E-05
1-propanol	N,N-dimethylformamide (DMF)	3	10	353.15	2.10E-05	7.05E-05	7.85E-05	7.26E-05
1-propanol	N,N-dimethylformamide (DMF)	3	10	363.15	9.56E-05	9.57E-05	1.03E-04	1.00E-04
1-propanol	N,N-dimethylformamide (DMF)	3	10	373.15	4.70E-05	4.77E-05	5.29E-05	1.67E-04
1-propanol	nitromethane	3	25	333.15	1.92E-06	4.10E-06	2.54E-05	3.04E-05
1-propanol	N-methyl-2-pyrrolidone	3	11	354.15	8.52E-04	7.63E-04	9.80E-04	2.20E-03
1-propanol	N-methyl-2-pyrrolidone	3	26	333.15	1.36E-04	3.16E-04	3.13E-04	3.54E-04
1-propanol	water	3	27	313.15	2.36E-05	2.11E-04	1.20E-04	2.66E-05
2,2,4-trimethylpentane	ethylbenzene	3	12	313.15	3.47E-06	3.41E-06	3.49E-06	3.45E-06
2,2,4-trimethylpentane	ethylbenzene	3	12	333.15	1.51E-06	1.46E-06	1.52E-06	1.51E-06
2,2,4-trimethylpentane	ethylbenzene	3	12	353.15	4.76E-06	4.69E-06	4.80E-06	4.83E-06
2,2,4-trimethylpentane	ethylbenzene	3	18	313.15	1.05E-05	9.64E-06	1.06E-05	1.04E-05
2,2,4-trimethylpentane	o-xylene	3	20	313.15	3.33E-06	3.02E-06	3.37E-06	3.21E-06
2,2,4-trimethylpentane	propylbenzene	3	21	313.15	7.26E-06	6.97E-06	7.29E-06	7.06E-06
2,2,4-trimethylpentane	p-xylene	3	18	313.15	4.56E-06	4.43E-06	4.57E-06	4.55E-06
2,2,4-trimethylpentane	toluene	3	11	373.15	8.43E-06	8.58E-06	8.43E-06	7.76E-06
2,2,4-trimethylpentane	toluene	3	19	313.15	5.34E-07	4.82E-07	5.73E-07	6.23E-07
2,2,4-trimethylpentane	toluene	3	62	313.15	2.01E-07	1.64E-07	2.30E-07	2.65E-07
2,2,4-trimethylpentane	toluene	3	62	333.15	5.45E-07	5.21E-07	5.66E-07	6.06E-07
2,2,4-trimethylpentane	toluene	3	62	353.15	1.07E-07	9.40E-08	1.09E-07	1.39E-07
2,2,4-trimethylpentane	toluene	3	42	353.15	8.03E-07	7.93E-07	8.05E-07	8.38E-07
2,2,4-trimethylpentane	toluene	3	55	368.15	2.74E-07	2.17E-07	2.38E-07	2.94E-07
2,2,4-trimethylpentane	toluene	3	35	382.15	4.99E-07	4.79E-07	4.89E-07	5.18E-07
2,2,4-trimethylpentane	toluene	3	40	402.15	1.68E-07	1.66E-07	1.68E-07	1.82E-07
2,3-butanedione	toluene	3	17	318.15	5.36E-06	6.09E-06	5.36E-06	5.33E-06
2-butanol	2-methylpyridine	3	14	313.15	6.10E-06	7.65E-06	6.97E-06	7.29E-06
2-butanol	3-methylpyridine	3	15	313.15	3.48E-06	5.90E-06	3.75E-06	1.20E-05

2-butanol	butanenitrile	3	22	278.15	2.33E-04	1.49E-04	2.37E-04	2.15E-03
2-butanol	butanenitrile	3	22	288.15	6.26E-05	6.27E-05	8.55E-05	8.89E-05
2-butanol	butanenitrile	3	22	293.15	2.41E-05	4.56E-05	7.65E-05	5.12E-05
2-butanol	butanenitrile	3	22	298.15	3.22E-05	4.03E-05	5.68E-05	4.45E-05
2-butanol	butanenitrile	3	22	303.15	2.86E-04	2.77E-05	4.18E-05	3.08E-05
2-butanol	butanenitrile	3	22	308.15	1.17E-05	2.03E-05	3.16E-05	2.31E-05
2-butanol	butanenitrile	3	22	313.15	3.69E-05	1.35E-05	2.10E-05	2.13E-05
2-butanol	butanenitrile	3	22	323.15	7.89E-06	1.18E-05	1.54E-05	1.57E-05
2-butanol	butyl bromide	3	14	278.15	1.53E-05	1.76E-04	6.99E-04	1.55E-04
2-butanol	butyl bromide	3	14	283.15	7.42E-06	4.72E-05	3.55E-04	4.86E-05
2-butanol	butyl bromide	3	14	288.15	6.53E-06	3.53E-05	2.68E-04	4.08E-05
2-butanol	butyl bromide	3	14	293.15	1.37E-05	2.90E-05	1.95E-04	3.45E-05
2-butanol	butyl bromide	3	14	298.15	1.07E-05	2.56E-05	1.57E-04	3.23E-05
2-butanol	butyl bromide	3	14	303.15	1.02E-05	1.65E-05	9.85E-05	2.06E-05
2-butanol	butyl bromide	3	14	308.15	1.00E-05	1.61E-05	7.25E-05	1.77E-05
2-butanol	butyl bromide	3	14	313.15	1.35E-05	2.13E-05	6.34E-05	2.18E-05
2-butanol	butyl bromide	3	14	318.15	1.79E-05	1.98E-05	5.05E-05	2.04E-05
2-butanol	butyl bromide	3	14	323.15	1.57E-05	1.87E-05	3.54E-05	1.78E-05
2-butanol	water	3	32	298.15	5.26E-05	5.08E-04	n/a	3.38E-05
2-butanol	water	3	25	323.18	2.82E-05	1.54E-04	n/a	n/a
2-butanone	1,2-dichloroethane	3	16	288.15	2.85E-05	2.60E-04	5.32E-04	6.38E-04
2-butanone	1,4-cyclohexadiene	3	23	293.15	1.52E-06	1.70E-06	1.96E-06	2.19E-06
2-butanone	1,4-cyclohexadiene	3	27	313.15	2.37E-07	3.58E-07	2.82E-07	2.49E-07
2-butanone	1-butanol	3	12	278.15	1.07E-04	8.42E-05	1.27E-04	9.16E-05
2-butanone	1-butanol	3	12	288.15	3.77E-05	3.12E-05	4.63E-05	4.63E-05
2-butanone	1-butanol	3	12	293.15	4.42E-05	3.74E-05	5.77E-05	4.18E-05
2-butanone	1-butanol	3	12	298.15	9.02E-06	7.50E-06	1.43E-05	8.81E-06
2-butanone	1-butanol	3	12	303.15	2.09E-05	1.90E-05	2.84E-05	2.86E-05
2-butanone	1-butanol	3	12	308.15	3.12E-05	2.88E-05	3.84E-05	3.09E-05
2-butanone	1-butanol	3	12	313.15	2.58E-05	2.55E-05	3.35E-05	2.74E-05
2-butanone	1-butanol	3	12	323.15	1.11E-05	1.11E-05	1.17E-05	1.17E-05
2-butanone	1-hexanol	3	13	288.15	2.18E-04	2.58E-04	3.07E-04	2.67E-04
2-butanone	1-hexanol	3	13	293.15	1.37E-04	1.49E-04	1.68E-04	1.67E-04
2-butanone	1-hexanol	3	13	298.15	1.59E-04	1.71E-04	1.86E-04	1.84E-04
2-butanone	1-hexanol	3	13	303.15	1.04E-04	1.15E-04	1.28E-04	1.94E-04
2-butanone	1-hexanol	3	13	308.15	3.66E-05	6.86E-05	8.52E-05	7.17E-05
2-butanone	1-hexanol	3	13	313.15	4.67E-05	9.71E-05	1.15E-04	1.13E-04

2-butanone	1-hexanol	3	13	323.15	1.83E-05	5.31E-05	6.28E-05	5.49E-05
2-butanone	1-octanol	3	12	293.15	1.79E-04	1.73E-04	1.72E-04	1.71E-04
2-butanone	1-octanol	3	12	298.15	1.74E-05	1.57E-05	1.24E-05	1.22E-05
2-butanone	1-octanol	3	12	303.15	2.03E-04	2.39E-04	2.11E-04	2.15E-04
2-butanone	1-octanol	3	12	308.15	1.47E-05	1.32E-05	1.97E-05	1.49E-05
2-butanone	1-octanol	3	12	313.15	8.91E-06	9.01E-06	1.53E-05	1.06E-05
2-butanone	1-octanol	3	12	323.15	4.33E-05	5.48E-05	6.27E-05	5.79E-05
2-butanone	1-propanol	3	12	278.15	7.52E-05	5.66E-05	8.27E-05	8.34E-05
2-butanone	1-propanol	3	12	288.15	3.98E-05	3.08E-05	4.32E-05	3.32E-05
2-butanone	1-propanol	3	12	293.15	3.96E-05	3.09E-05	4.28E-05	4.31E-05
2-butanone	1-propanol	3	12	298.15	3.56E-05	2.95E-05	3.78E-05	5.35E-05
2-butanone	1-propanol	3	12	303.15	2.26E-05	1.90E-05	2.39E-05	2.40E-05
2-butanone	1-propanol	3	12	313.15	2.53E-05	2.40E-05	2.59E-05	2.44E-05
2-butanone	1-propanol	3	12	323.15	4.14E-06	3.33E-06	4.45E-06	3.58E-06
2-butanone	2,4,4-trimethyl-1-pentene	3	26	313.15	9.10E-07	1.46E-06	5.28E-06	1.79E-06
2-butanone	2,4,4-trimethyl-1-pentene	3	22	293.15	2.85E-06	5.81E-06	4.52E-06	3.57E-06
2-butanone	2,4,4-trimethyl-2-pentene	3	25	293.15	2.08E-06	8.59E-06	3.35E-05	1.10E-05
2-butanone	2,4,4-trimethyl-2-pentene	3	26	313.15	7.20E-05	3.79E-06	1.05E-05	8.54E-06
2-butanone	2-butanol	3	13	278.15	9.75E-05	1.04E-04	1.03E-04	1.03E-04
2-butanone	2-butanol	3	13	288.15	1.42E-04	1.40E-04	1.46E-04	1.42E-04
2-butanone	2-butanol	3	13	293.15	2.45E-05	2.42E-05	2.60E-05	2.61E-05
2-butanone	2-butanol	3	13	298.15	1.58E-05	3.99E-05	3.33E-05	5.62E-05
2-butanone	2-butanol	3	13	303.15	1.98E-05	1.96E-05	2.00E-05	1.98E-05
2-butanone	2-butanol	3	13	308.15	1.03E-05	1.06E-05	1.14E-05	1.08E-05
2-butanone	2-butanol	3	13	313.15	8.57E-06	8.67E-06	9.28E-06	8.80E-06
2-butanone	2-butanol	3	13	323.15	2.99E-06	3.77E-06	3.55E-06	3.55E-06
2-butanone	2-methyl-1-propanol	3	11	278.15	4.04E-05	3.65E-05	4.79E-05	3.88E-05
2-butanone	2-methyl-1-propanol	3	11	288.15	1.61E-05	1.63E-05	2.17E-05	1.77E-05
2-butanone	2-methyl-1-propanol	3	11	293.15	8.86E-06	8.75E-06	1.19E-05	9.45E-06
2-butanone	2-methyl-1-propanol	3	11	298.15	1.39E-05	1.55E-05	1.88E-05	1.67E-05
2-butanone	2-methyl-1-propanol	3	11	303.15	2.38E-06	2.38E-06	2.72E-06	2.44E-06
2-butanone	2-methyl-1-propanol	3	11	308.15	1.09E-05	1.32E-05	1.58E-05	1.40E-05
2-butanone	2-methyl-1-propanol	3	11	313.15	5.72E-06	6.46E-06	7.68E-06	7.70E-06
2-butanone	2-methyl-1-propanol	3	11	323.15	2.66E-06	2.78E-06	2.95E-06	2.82E-06
2-butanone	2-propanol	3	13	278.15	3.04E-05	2.65E-05	3.26E-05	3.29E-05
2-butanone	2-propanol	3	13	288.15	2.75E-05	2.77E-05	2.78E-05	2.74E-05
2-butanone	2-propanol	3	13	293.15	6.30E-06	4.02E-06	5.70E-06	4.35E-06

2-butanone	2-propanol	3	13	298.15	1.32E-05	1.23E-05	1.38E-05	1.39E-05
2-butanone	2-propanol	3	13	308.15	1.29E-05	1.28E-05	1.21E-05	1.20E-05
2-butanone	2-propanol	3	13	313.15	4.92E-06	4.37E-06	4.62E-06	4.65E-06
2-butanone	2-propanol	3	13	323.15	2.08E-06	2.97E-06	2.51E-06	2.47E-06
2-butanone	benzene	3	25	293.15	4.56E-07	9.60E-07	4.56E-07	1.86E-06
2-butanone	benzene	3	24	313.15	1.71E-07	3.73E-07	1.74E-07	5.70E-07
2-butanone	cyclohexene	3	24	293.15	2.49E-06	1.36E-06	4.90E-06	2.58E-06
2-butanone	cyclohexene	3	27	313.15	4.12E-06	3.68E-06	6.90E-06	5.09E-06
2-butanone	di-n-propyl ether	3	13	288.15	2.67E-06	3.94E-06	4.79E-06	4.12E-06
2-butanone	di-n-propyl ether	3	13	293.15	4.74E-06	6.51E-06	7.43E-06	6.71E-06
2-butanone	di-n-propyl ether	3	13	298.15	3.65E-06	4.91E-06	5.91E-06	5.11E-06
2-butanone	di-n-propyl ether	3	13	303.15	3.57E-06	8.72E-06	1.02E-05	9.01E-06
2-butanone	di-n-propyl ether	3	13	308.15	2.18E-07	7.34E-07	1.15E-06	8.02E-07
2-butanone	di-n-propyl ether	3	13	313.15	7.18E-07	9.07E-06	1.10E-05	1.06E-05
2-butanone	di-n-propyl ether	3	13	323.15	1.08E-06	3.55E-06	4.62E-06	4.37E-06
2-butanone	methyl ethyl ketoxime	3	20	298.15	6.59E-04	6.86E-04	7.02E-04	6.93E-04
2-butanone	tert-butanol	3	12	303.15	7.73E-06	8.15E-06	7.61E-06	7.55E-06
2-butanone	tert-butanol	3	12	308.15	3.24E-06	3.42E-06	3.37E-06	3.37E-06
2-butanone	tert-butanol	3	12	313.15	2.81E-06	2.92E-06	2.74E-06	2.74E-06
2-butanone	tert-butanol	3	12	318.15	1.15E-06	2.10E-06	2.32E-06	2.15E-06
2-butanone	tert-butanol	3	12	323.15	1.60E-06	1.60E-06	1.62E-06	1.61E-06
2-butanone	triethylamine	3	14	293.15	2.21E-04	1.29E-04	1.38E-04	1.36E-04
2-butanone	triethylamine	3	14	320.15	1.47E-05	5.79E-05	4.90E-05	4.99E-05
2-butanone	triethylamine	3	14	346.15	1.77E-05	1.87E-05	1.73E-05	1.75E-05
2-butanone	triethylamine	3	14	373.15	1.30E-05	4.76E-06	3.95E-06	4.11E-06
2-butyne	N,N-dimethylformamide (DMF)	3	13	273.15	1.10E-03	1.19E-03	1.10E-03	9.65E-04
2-butyne	N,N-dimethylformamide (DMF)	3	12	293.15	2.64E-04	3.05E-04	2.64E-04	2.07E-04
2-butyne	N,N-dimethylformamide (DMF)	3	11	303.15	1.61E-04	1.87E-04	1.61E-04	3.35E-03
2-butyne	N,N-dimethylformamide (DMF)	3	11	313.15	1.92E-04	2.25E-04	1.92E-04	1.49E-04
2-methoxyethanol	cyclohexanone	3	14	323.23	5.51E-05	5.41E-05	5.58E-05	5.45E-05
2-methoxyethanol	cyclohexanone	3	14	343.36	2.69E-05	4.00E-05	4.06E-05	4.09E-05
2-methyl-1-butene	N,N-dimethylformamide (DMF)	3	11	293.15	7.38E-04	1.40E-03	n/a	n/a
2-methyl-1-butene	N,N-dimethylformamide (DMF)	3	11	303.15	7.65E-04	1.18E-03	8.69E-04	8.63E-04
2-methyl-1-butene	N,N-dimethylformamide (DMF)	3	11	313.15	7.25E-04	1.00E-03	7.52E-04	7.26E-04
2-methyl-1-butene	N,N-dimethylformamide (DMF)	3	11	323.15	8.19E-04	1.05E-03	8.89E-04	8.70E-04
2-methyl-1-propanol	2,6-dimethylpyridine	3	15	313.15	5.95E-06	6.70E-06	6.82E-06	7.05E-06
2-methyl-1-propanol	2-methylpyridine	3	16	313.15	8.90E-07	1.29E-06	9.97E-07	2.95E-05

2-methyl-1-propanol	3-methylpyridine	3	14	313.15	9.81E-06	7.03E-05	7.14E-05	1.42E-04
2-methyl-1-propanol	butanenitrile	3	14	278.15	7.14E-05	1.72E-04	4.47E-04	1.91E-04
2-methyl-1-propanol	butanenitrile	3	14	288.15	1.30E-04	1.10E-04	1.50E-04	1.16E-04
2-methyl-1-propanol	butanenitrile	3	14	293.15	7.32E-05	7.02E-05	1.13E-04	8.16E-05
2-methyl-1-propanol	butanenitrile	3	14	298.15	7.37E-05	2.83E-05	6.07E-05	3.51E-05
2-methyl-1-propanol	butanenitrile	3	14	303.15	2.61E-05	3.37E-05	6.08E-05	3.98E-05
2-methyl-1-propanol	butanenitrile	3	14	308.15	1.47E-05	2.71E-05	4.59E-05	4.68E-05
2-methyl-1-propanol	butanenitrile	3	14	313.15	8.54E-06	2.95E-05	4.57E-05	4.58E-05
2-methyl-1-propanol	butanenitrile	3	14	323.15	4.48E-05	3.19E-05	3.63E-05	3.64E-05
2-methyl-1-propanol	pyridine	3	12	313.15	2.98E-06	1.27E-05	1.93E-05	1.99E-05
2-methyl-2-butene	2,2-dimethyl-1-propanol	3	13	343.15	2.68E-05	7.63E-05	1.16E-04	1.08E-04
2-methyl-2-butene	acetic acid	3	13	343.15	7.28E-05	9.29E-04	4.20E-04	3.87E-04
2-methyl-2-butene	methyl isopropyl ketone	3	13	333.15	8.90E-05	9.92E-05	1.05E-04	1.05E-04
2-methyl-2-butene	N,N-dimethylformamide (DMF)	3	10	293.15	7.30E-04	2.41E-03	7.30E-04	7.02E-04
2-methyl-2-butene	N,N-dimethylformamide (DMF)	3	10	303.15	5.64E-04	1.84E-03	5.64E-04	5.14E-04
2-methyl-2-butene	N,N-dimethylformamide (DMF)	3	10	313.15	8.77E-04	2.08E-03	8.77E-04	9.16E-04
2-methyl-2-butene	N,N-dimethylformamide (DMF)	3	10	323.15	8.50E-04	1.80E-03	8.50E-04	7.93E-04
2-methyl-2-butene	tert-butanol	3	18	303.15	1.02E-05	1.56E-04	3.66E-04	4.01E-04
2-methyl-2-butene	tert-butanol	3	18	373.15	2.07E-05	2.07E-05	2.53E-05	3.09E-05
2-methyl-2-pentene	tert-butanol	3	14	303.15	3.64E-04	2.07E-04	4.79E-04	2.53E-04
2-methyl-2-pentene	tert-butanol	3	19	363.15	2.67E-05	2.57E-05	3.07E-05	3.17E-05
2-propanol	1,4-dioxane	3	17	323.15	3.11E-05	3.49E-05	3.09E-05	3.08E-05
2-propanol	1,4-dioxane	3	17	333.15	1.38E-05	1.46E-05	1.37E-05	1.37E-05
2-propanol	1,4-dioxane	3	17	343.15	2.29E-06	2.21E-06	2.11E-06	2.05E-06
2-propanol	1,4-dioxane	3	17	353.15	5.15E-06	5.28E-06	5.13E-06	5.11E-06
2-propanol	acetic anhydride	3	14	313.15	6.58E-05	2.89E-05	2.23E-04	4.40E-05
2-propanol	butanenitrile	3	12	278.15	2.62E-05	3.64E-05	8.66E-05	8.71E-05
2-propanol	butanenitrile	3	12	288.15	2.42E-05	3.05E-05	7.72E-05	7.84E-05
2-propanol	butanenitrile	3	12	293.15	3.21E-06	2.69E-05	6.44E-05	3.13E-05
2-propanol	butanenitrile	3	12	298.15	2.03E-06	1.97E-05	4.84E-05	2.33E-05
2-propanol	butanenitrile	3	12	303.15	1.28E-06	2.07E-05	4.69E-05	2.44E-05
2-propanol	butanenitrile	3	12	308.15	3.28E-05	1.81E-05	4.02E-05	4.06E-05
2-propanol	butanenitrile	3	12	313.15	2.81E-06	1.69E-05	3.54E-05	2.00E-05
2-propanol	butanenitrile	3	12	323.15	2.28E-05	1.44E-05	2.72E-05	2.70E-05
2-propanol	di-n-propyl ether	3	14	278.15	3.01E-05	3.31E-05	3.70E-05	2.69E-05
2-propanol	di-n-propyl ether	3	14	288.15	4.30E-06	6.01E-06	1.20E-05	4.16E-06
2-propanol	di-n-propyl ether	3	14	293.15	1.86E-04	7.45E-06	2.90E-05	9.08E-06

2-propanol	di-n-propyl ether	3	14	298.15	1.27E-05	3.44E-06	2.23E-05	5.34E-06
2-propanol	di-n-propyl ether	3	14	303.15	1.36E-05	3.31E-06	2.21E-05	4.90E-06
2-propanol	di-n-propyl ether	3	14	308.15	1.22E-05	4.95E-06	1.91E-05	6.51E-06
2-propanol	di-n-propyl ether	3	14	313.15	1.57E-04	5.54E-06	2.25E-05	7.59E-06
2-propanol	di-n-propyl ether	3	14	323.15	3.24E-06	2.39E-06	9.10E-06	2.95E-06
2-propanol	pyridine	3	10	298.15	1.63E-05	2.93E-05	1.74E-04	4.14E-05
2-propanol	pyridine	3	10	303.15	9.50E-06	1.62E-05	1.19E-04	2.35E-05
2-propanol	pyridine	3	10	308.15	6.89E-06	8.47E-06	8.34E-05	1.28E-05
2-propanol	sulfolane	3	13	303.15	1.01E-04	5.22E-04	1.75E-04	2.08E-04
2-propanol	sulfolane	3	13	313.15	1.85E-04	4.20E-04	2.39E-04	1.61E-02
2-propanol	thiophene	3	16	308.15	1.68E-04	1.47E-04	4.57E-04	2.39E-04
2-propanol	thiophene	3	16	313.15	1.17E-04	7.48E-05	2.39E-04	1.22E-04
2-propanol	thiophene	3	16	318.15	2.34E-04	9.48E-05	2.40E-04	1.50E-04
2-propanol	triethylamine	3	13	293.20	2.64E-05	5.01E-05	4.04E-05	4.60E-05
2-propanol	triethylamine	3	14	283.15	3.48E-05	5.44E-05	4.28E-05	4.98E-05
2-propanol	triethylamine	3	14	303.20	5.01E-06	1.56E-05	7.91E-06	1.19E-05
2-propanol	triethylamine	3	14	313.15	3.76E-06	4.87E-06	4.03E-06	3.44E-06
2-propanol	water	3	17	298.15	2.97E-04	2.86E-04	2.90E-04	3.74E-04
3-methyl cyclopentene	N-methyl-2-pyrrolidone	3	55	363.57	1.38E-05	1.18E-05	1.19E-04	9.32E-05
3-methylhexane	propylbenzene	3	10	313.15	2.33E-05	3.64E-05	3.76E-05	3.71E-05
3-methylhexane	propylbenzene	3	10	333.15	1.03E-05	2.51E-05	2.56E-05	2.58E-05
3-methylhexane	propylbenzene	3	10	353.15	1.41E-05	1.94E-05	1.91E-05	2.01E-05
3-methylpentane	toluene	3	11	283.15	5.33E-05	5.72E-05	5.33E-05	5.24E-05
3-methylpentane	toluene	3	10	303.15	7.36E-05	7.80E-05	7.36E-05	7.29E-05
3-methylpentane	toluene	3	11	323.15	4.53E-05	1.11E-04	1.11E-04	1.06E-04
4-methylphenol	1,3-dihydroxybenzene <resorcinol>	3	10	444.35	5.86E-04	5.32E-04	5.38E-04	5.39E-04
4-methylphenol	1,3-dihydroxybenzene <resorcinol>	3	11	466.05	1.89E-04	1.89E-04	1.92E-04	1.94E-04
4-methylphenol	1,3-dihydroxybenzene <resorcinol>	3	12	492.15	2.19E-04	1.68E-04	1.70E-04	1.70E-04
5-nonanone	dimethyl sulfoxide	3	15	333.15	9.84E-05	1.37E-04	9.95E-05	9.91E-05
5-nonanone	dimethyl sulfoxide	3	15	343.15	2.70E-05	4.96E-05	2.81E-05	2.73E-05
5-nonanone	dimethyl sulfoxide	3	15	353.15	1.54E-05	2.45E-05	2.06E-05	1.68E-05
acetic acid	.epsilon.-caprolactam	3	20	353.90	1.72E-02	2.64E-02	1.50E-02	1.41E-02
acetic acid	.epsilon.-caprolactam	3	21	373.60	6.81E-03	1.22E-02	5.03E-03	7.28E-03
acetic acid	1-hexanol	3	10	298.15	1.55E-03	1.83E-03	1.59E-03	7.61E-03
acetic acid	1-hexanol	3	10	308.15	1.99E-04	3.22E-04	2.78E-04	3.35E-03
acetic acid	1-hexanol	3	10	318.15	4.14E-04	3.88E-04	3.64E-04	8.67E-04
acetic acid	1-octanol	3	11	293.15	2.79E-02	2.01E-02	3.36E-02	2.07E-02

acetic acid	1-octanol	3	11	303.15	4.42E-03	4.81E-03	4.21E-03	6.56E-03
acetic acid	1-octanol	3	11	308.15	2.35E-04	4.74E-04	4.74E-04	1.54E-03
acetic acid	1-octanol	3	11	298.15	3.61E-03	3.89E-03	3.43E-03	1.11E-02
acetic acid	1-octanol	3	11	318.15	1.46E-03	1.55E-03	1.35E-03	2.31E-03
acetic acid	2-butoxyethanol	3	16	323.15	6.30E-04	8.09E-04	5.40E-04	6.09E-04
acetic acid	2-butoxyethanol	3	23	373.15	5.08E-04	4.91E-04	5.16E-04	5.20E-04
acetic acid	dimethyl sulfoxide	3	22	323.15	1.05E-02	2.86E-01	1.05E-02	7.24E-03
acetic acid isopropyl ester	acetic anhydride	3	16	313.15	4.54E-05	4.44E-05	4.59E-05	4.47E-05
acetic acid isopropyl ester	acetic anhydride	3	16	358.15	2.29E-05	2.38E-05	2.37E-05	2.37E-05
acetone	1,1,1-trichloroethane [R140A]	3	61	303.25	4.06E-06	3.77E-06	4.20E-06	3.96E-06
acetone	1,1,1-trichloroethane [R140A]	3	63	323.15	1.89E-06	1.63E-06	2.00E-06	1.82E-06
acetone	1,1,1-trichloroethane [R140A]	3	12	298.15	3.18E-05	3.12E-05	3.21E-05	3.16E-05
acetone	1,1,1-trichloroethane [R140A]	3	12	303.15	2.35E-05	2.32E-05	2.37E-05	2.33E-05
acetone	1,1,1-trichloroethane [R140A]	3	11	308.15	1.58E-05	1.55E-05	1.59E-05	1.57E-05
acetone	1,1,1-trichloroethane [R140A]	3	11	313.15	6.87E-06	6.67E-06	6.99E-06	6.74E-06
acetone	1,1,2,2-tetrachloroethane	3	13	298.15	7.36E-04	8.08E-04	7.36E-04	7.41E-04
acetone	1,1,2,2-tetrachloroethane	3	13	303.15	2.73E-04	3.62E-04	2.73E-04	2.77E-04
acetone	1,1,2,2-tetrachloroethane	3	13	308.15	2.04E-04	2.68E-04	2.04E-04	1.98E-04
acetone	1,1,2,2-tetrachloroethane	3	13	313.15	5.94E-04	6.64E-04	5.94E-04	6.05E-04
acetone	1,2-dichloroethane	3	13	273.15	1.77E-04	2.06E-04	2.35E-04	3.48E-04
acetone	1,2-ethanediol	3	44	323.15	3.94E-05	1.71E-04	5.71E-05	6.80E-05
acetone	1,4-dioxane	3	47	323.15	9.45E-07	9.11E-07	9.31E-07	9.80E-07
acetone	1-chloropentane	3	12	298.15	7.65E-05	8.27E-05	8.68E-05	8.80E-05
acetone	1-chloropentane	3	12	303.15	2.02E-05	3.37E-05	3.75E-05	3.81E-05
acetone	1-chloropentane	3	12	308.15	3.85E-05	3.94E-05	4.04E-05	4.01E-05
acetone	1-chloropentane	3	11	313.15	1.32E-05	1.33E-05	1.32E-05	1.32E-05
acetone	1-hexyne	3	14	273.15	6.80E-06	2.67E-05	3.88E-05	3.22E-05
acetone	1-hexyne	3	14	298.15	6.56E-07	7.78E-06	1.29E-05	9.54E-06
acetone	1-hexyne	3	14	328.15	1.51E-07	3.52E-06	6.09E-06	4.27E-06
acetone	1-propanol	3	25	323.15	1.55E-05	1.71E-05	1.48E-05	1.46E-05
acetone	acetophenone	3	12	314.95	1.41E-03	1.39E-03	1.41E-03	1.12E-03
acetone	acetophenone	3	12	334.75	4.08E-04	4.05E-04	4.07E-04	3.37E-04
acetone	acetophenone	3	11	352.85	3.35E-04	3.36E-04	3.35E-04	3.30E-04
acetone	benzene	3	13	298.15	4.17E-06	1.72E-05	2.13E-05	9.77E-06
acetone	benzene	3	13	308.15	4.11E-06	9.08E-06	1.27E-05	5.23E-06
acetone	benzene	3	10	298.15	1.24E-05	1.21E-05	1.26E-05	1.34E-05
acetone	butyl acetate	3	62	293.25	1.89E-05	2.27E-05	2.67E-05	2.29E-05

acetone	butyl chloride	3	15	298.16	3.48E-07	1.47E-06	1.83E-06	1.63E-06
acetone	butyl chloride	3	15	348.15	2.51E-07	1.50E-06	1.68E-06	1.62E-06
acetone	butyl chloride	3	15	398.17	1.54E-06	1.60E-06	1.70E-06	1.76E-06
acetone	chloroform	3	11	273.15	3.76E-05	3.88E-05	3.76E-05	3.81E-05
acetone	chloroform	3	11	283.15	1.63E-04	1.75E-04	1.63E-04	1.61E-04
acetone	chloroform	3	11	293.15	1.50E-04	1.58E-04	1.50E-04	1.50E-04
acetone	chloroform	3	11	303.15	2.66E-04	2.76E-04	2.66E-04	2.65E-04
acetone	chloroform	3	11	313.15	1.40E-04	1.45E-04	1.40E-04	1.41E-04
acetone	chloroform	3	11	323.15	9.13E-05	9.49E-05	9.13E-05	1.20E-04
acetone	chloroform	3	11	328.15	2.71E-05	2.79E-05	2.71E-05	2.67E-05
acetone	chloroform	3	28	323.15	8.36E-06	9.70E-06	8.36E-06	1.26E-04
acetone	chloroform	3	34	323.15	3.13E-06	3.87E-06	3.13E-06	2.89E-06
acetone	chloroform	3	10	298.15	8.57E-05	9.00E-05	8.57E-05	8.02E-05
acetone	chloroform	3	17	323.15	1.12E-05	1.28E-05	1.12E-05	1.08E-05
acetone	chloroform	3	17	313.15	1.87E-05	2.15E-05	1.87E-05	1.71E-05
acetone	chloroform	3	24	303.15	9.29E-05	9.85E-05	9.29E-05	9.04E-05
acetone	chloroform	3	17	303.15	5.64E-06	3.07E-05	2.63E-05	2.47E-05
acetone	dimethyl sulfoxide	3	11	298.15	1.17E-05	1.30E-05	1.49E-05	1.38E-05
acetone	dimethyl sulfoxide	3	11	308.15	6.48E-06	6.86E-06	7.84E-06	7.84E-06
acetone	dimethyl sulfoxide	3	11	308.15	1.43E-05	1.23E-05	1.53E-05	1.55E-05
acetone	dimethyl sulfoxide	3	11	318.15	1.02E-05	9.36E-06	1.06E-05	9.79E-06
acetone	ethanol	3	16	305.15	2.12E-05	1.83E-05	2.26E-05	2.34E-05
acetone	ethanol	3	15	313.15	4.17E-06	3.56E-06	4.42E-06	4.57E-06
acetone	ethanol	3	10	321.15	2.28E-06	1.76E-06	2.53E-06	1.94E-06
acetone	ethanol	3	15	323.15	2.10E-06	1.66E-06	2.73E-06	1.99E-06
acetone	methanol	3	25	323.15	8.68E-07	1.17E-06	1.44E-06	1.22E-06
acetone	methanol	3	28	323.15	1.02E-06	1.24E-06	1.02E-06	1.03E-06
acetone	methanol	3	18	323.15	9.85E-08	1.03E-07	1.38E-07	1.41E-07
acetone	methanol	3	14	313.15	8.16E-08	3.17E-07	5.86E-07	3.80E-07
acetone	methanol	3	18	293.15	7.19E-08	3.63E-07	8.64E-07	9.59E-07
acetone	methanol	3	17	303.15	7.24E-08	4.09E-07	8.34E-07	5.02E-07
acetone	methanol	3	12	298.15	3.55E-05	6.02E-05	6.48E-05	6.16E-05
acetone	N-methylformamide	3	29	293.15	1.78E-03	2.80E-03	3.04E-03	2.85E-03
acetone	N-methylformamide	3	29	313.15	2.91E-03	2.71E-03	3.02E-03	2.83E-03
acetone	propyl acetate	3	61	298.25	2.56E-06	3.12E-06	3.39E-06	3.13E-06
acetone	pyridine	3	25	303.15	7.57E-06	3.31E-05	5.64E-05	3.39E-05
acetone	water	3	17	323.15	1.86E-06	1.73E-05	1.92E-05	1.98E-06

acetone	water	3	13	288.15	4.00E-04	3.33E-05	4.00E-04	3.17E-04
acetone	water	3	12	298.15	3.94E-04	1.23E-04	3.94E-04	4.98E-05
acetone	water	3	13	308.15	2.67E-04	1.26E-04	2.67E-04	2.44E-05
acetone	water	3	13	318.15	5.82E-05	5.59E-05	5.82E-05	2.76E-04
acetone	water	3	23	323.15	1.74E-06	1.12E-05	1.93E-05	3.10E-06
acetone	water	3	15	298.15	4.04E-04	1.63E-04	4.04E-04	9.46E-05
acetone	water	3	15	308.15	1.86E-04	1.51E-04	1.86E-04	3.97E-05
acetone	water	3	15	318.15	7.93E-05	1.25E-04	7.93E-05	3.78E-05
acetone	water	3	15	323.15	7.96E-05	1.56E-04	7.96E-05	1.81E-04
acetone	water	3	15	328.15	5.21E-05	1.46E-04	5.21E-05	3.10E-05
acetonitrile	1,4-cyclohexadiene	3	29	293.15	5.94E-06	6.81E-06	1.06E-04	1.38E-05
acetonitrile	1,4-cyclohexadiene	3	28	313.15	4.66E-06	2.60E-06	5.39E-05	7.76E-05
acetonitrile	1-propanol	3	17	323.15	7.21E-05	3.04E-04	4.13E-04	4.27E-04
acetonitrile	1-propanol	3	17	333.15	4.29E-05	4.40E-04	5.28E-04	4.57E-04
acetonitrile	1-propanol	3	17	343.15	4.92E-05	3.62E-04	4.25E-04	3.77E-04
acetonitrile	2,4,4-trimethyl-2-pentene	3	20	313.15	3.76E-04	5.61E-04	n/a	n/a
acetonitrile	2-methylpropanoic acid	3	14	298.15	4.86E-05	4.34E-05	1.47E-04	4.62E-05
acetonitrile	2-methylpropanoic acid	3	14	318.15	1.31E-05	1.38E-05	5.66E-05	1.35E-05
acetonitrile	acetic acid	3	15	298.15	2.14E-04	2.25E-04	2.14E-04	2.11E-04
acetonitrile	acetic acid	3	15	318.15	1.71E-04	1.78E-04	1.71E-04	1.84E-04
acetonitrile	chlorobenzene	3	15	293.15	5.98E-06	4.16E-05	9.20E-05	1.19E-04
acetonitrile	chlorobenzene	3	15	343.15	2.37E-06	2.96E-05	4.76E-05	3.46E-05
acetonitrile	chlorobenzene	3	15	393.15	3.01E-06	1.45E-05	1.91E-05	2.52E-05
acetonitrile	cyclohexene	3	19	293.15	1.97E-04	5.58E-04	n/a	n/a
acetonitrile	propionic acid	3	15	298.15	1.12E-04	1.49E-04	2.09E-04	1.61E-04
acetonitrile	propionic acid	3	15	318.15	4.67E-05	7.07E-05	1.09E-04	8.09E-05
acetonitrile	toluene	3	20	318.15	1.37E-05	5.26E-05	8.10E-05	9.07E-05
acetonitrile	toluene	3	14	293.15	4.29E-06	5.12E-05	9.56E-05	5.89E-05
acetonitrile	toluene	3	15	343.15	1.92E-06	3.51E-05	5.50E-05	6.67E-05
acetonitrile	toluene	3	15	393.15	9.44E-06	3.83E-05	4.68E-05	4.11E-05
acrylonitrile	tetrachloroethylene	3	12	303.15	7.59E-06	1.18E-05	6.12E-05	1.44E-05
acrylonitrile	tetrachloroethylene	3	12	323.15	9.27E-06	3.09E-05	7.46E-05	8.09E-05
benzaldehyde	phenol	3	22	413.59	7.39E-05	1.56E-04	1.76E-04	1.79E-04
	1,1,1-triethoxyethane <triethyl orthoacetate>	3	12	333.15	1.02E-04	1.17E-04	1.14E-04	1.12E-04
benzene	1,1,1-triethoxyethane <triethyl orthoacetate>	3	12	343.15	3.53E-05	7.52E-05	3.53E-05	1.07E-04

benzene	1,1,1-triethoxyethane <triethyl orthoacetate>	3	12	353.15	3.09E-04	4.11E-04	3.09E-04	4.65E-04
benzene	1,2-dibromoethane	3	18	283.15	1.22E-05	1.27E-05	1.27E-05	1.34E-05
benzene	1,2-dibromoethane	3	18	293.15	2.55E-06	4.20E-06	4.11E-06	4.74E-06
benzene	1,2-dibromoethane	3	18	303.15	2.22E-05	2.43E-05	2.42E-05	2.49E-05
benzene	1,2-dibromoethane	3	13	293.15	1.08E-05	1.08E-05	1.08E-05	1.08E-05
benzene	1,2-dibromoethane	3	12	308.15	1.80E-05	3.67E-04	4.36E-04	5.02E-04
benzene	1,2-dibromoethane	3	11	298.15	1.40E-04	5.92E-04	6.02E-04	6.26E-04
benzene	1,2-dibromoethane	3	12	283.15	1.11E-05	2.65E-04	3.05E-04	3.41E-04
benzene	1,2-dibromoethane	3	12	288.15	1.46E-05	2.35E-04	2.64E-04	2.92E-04
benzene	1,2-dibromoethane	3	12	293.15	1.84E-05	1.63E-04	1.71E-04	1.86E-04
benzene	1,2-dibromoethane	3	12	298.15	1.30E-05	1.66E-04	1.73E-04	1.86E-04
benzene	1,2-dibromoethane	3	12	303.15	1.24E-05	1.60E-04	1.67E-04	1.80E-04
benzene	1,2-dibromoethane	3	12	308.15	1.31E-05	1.16E-04	1.23E-04	1.33E-04
benzene	1,2-dibromoethane	3	12	313.15	8.31E-06	7.12E-05	7.36E-05	7.99E-05
benzene	1,2-dibromoethane	3	12	318.15	6.10E-06	5.65E-05	5.68E-05	6.05E-05
benzene	1-butanol	3	15	313.15	8.88E-05	9.95E-06	8.88E-05	3.18E-05
benzene	1-butanol	3	10	298.15	5.81E-05	2.75E-03	5.18E-03	2.68E-03
benzene	1-pentanol	3	24	313.15	3.95E-05	9.59E-06	3.80E-05	1.56E-05
benzene	1-propanol	3	11	273.15	2.78E-04	3.44E-05	n/a	3.64E-05
benzene	1-propanol	3	11	283.15	7.28E-05	1.33E-04	7.98E-05	1.17E-04
benzene	1-propanol	3	11	293.15	5.97E-04	1.62E-04	6.26E-04	1.19E-04
benzene	1-propanol	3	11	303.15	4.77E-04	9.91E-05	5.02E-04	8.06E-05
benzene	1-propanol	3	11	313.15	1.20E-03	5.62E-04	1.21E-03	1.26E-03
benzene	1-propanol	3	11	323.15	3.23E-04	3.88E-04	3.23E-04	5.33E-03
benzene	1-propanol	3	11	333.15	3.59E-04	1.80E-04	3.58E-04	1.92E-04
benzene	1-propanol	3	11	343.15	6.16E-05	1.75E-05	6.21E-05	2.25E-05
benzene	1-propanol	3	31	298.15	7.02E-05	8.16E-05	3.05E-04	3.04E-04
benzene	1-propanol	3	20	313.15	7.84E-05	6.97E-06	8.59E-05	1.39E-04
benzene	1-propanol	3	15	298.15	7.35E-04	4.85E-04	8.48E-04	6.07E-04
benzene	1-propanol	3	14	308.15	1.36E-04	7.66E-04	5.40E-04	3.05E-04
benzene	1-propanol	3	24	313.15	5.94E-05	4.23E-06	6.37E-05	8.99E-05
benzene	2-butanol	3	10	298.15	6.19E-05	1.55E-04	5.10E-04	2.08E-04
benzene	2-methyl-1-propanol	3	13	298.15	2.62E-04	3.60E-04	9.07E-04	3.11E-04
benzene	2-methyl-1-propanol	3	16	308.15	1.84E-04	2.87E-04	7.11E-04	8.87E-04
benzene	2-propanol	3	15	298.15	6.20E-04	9.72E-04	n/a	n/a
benzene	2-propanol	3	15	308.15	5.14E-04	6.95E-04	5.15E-04	4.74E-04

benzene	2-propanol	3	24	313.15	9.68E-05	1.71E-05	1.12E-04	1.71E-04
benzene	3-pentanol	3	24	313.15	9.39E-05	3.74E-05	9.44E-05	1.14E-04
benzene	acetic acid	3	11	283.15	1.32E-03	1.18E-03	n/a	n/a
benzene	acetic acid	3	11	293.15	2.14E-04	3.03E-04	4.89E-04	8.03E-04
benzene	acetic acid	3	11	303.15	8.41E-05	1.19E-04	2.63E-04	1.45E-04
benzene	acetic acid	3	11	313.15	1.59E-03	1.44E-03	2.06E-03	1.62E-03
benzene	acetic acid	3	11	323.15	6.01E-04	8.54E-04	1.23E-03	1.01E-03
benzene	acetic acid	3	11	333.15	7.64E-04	9.22E-04	1.16E-03	9.89E-04
benzene	acetic acid	3	11	343.15	2.53E-04	3.54E-04	5.30E-04	4.23E-04
benzene	acetic acid	3	18	298.15	2.66E-05	5.19E-05	2.73E-05	2.72E-05
benzene	acetic acid	3	18	318.15	1.19E-05	3.27E-05	1.28E-05	1.24E-05
benzene	benzyl benzoate	3	19	453.23	9.81E-05	1.13E-04	8.91E-05	1.79E-04
benzene	cyclohexene	3	10	288.15	2.03E-05	2.02E-05	2.03E-05	2.03E-05
benzene	cyclohexene	3	10	293.15	3.36E-05	3.33E-05	3.37E-05	3.36E-05
benzene	cyclohexene	3	10	298.15	5.52E-05	5.46E-05	5.54E-05	5.52E-05
benzene	epsiloN-caprolactone	3	40	293.15	3.97E-04	3.59E-04	4.21E-04	6.22E-04
benzene	epsiloN-caprolactone	3	30	313.15	1.80E-04	1.69E-04	1.82E-04	2.33E-04
benzene	formic acid propyl ester	3	11	293.15	2.73E-08	6.09E-08	1.13E-07	4.14E-08
benzene	formic acid propyl ester	3	11	303.15	1.93E-08	6.95E-08	1.49E-08	9.31E-08
benzene	formic acid propyl ester	3	11	313.15	1.24E-07	2.71E-07	1.09E-07	3.23E-07
benzene	formic acid propyl ester	3	11	323.15	2.36E-07	4.68E-07	2.14E-07	5.41E-07
benzene	formic acid propyl ester	3	11	333.15	2.82E-07	5.40E-07	2.58E-07	6.16E-07
benzene	gamma-butyrolactone	3	31	293.15	5.62E-04	5.38E-04	6.56E-04	6.09E-04
benzene	gamma-butyrolactone	3	34	313.15	1.83E-04	1.42E-04	1.93E-04	1.87E-04
benzene	sulfolane	3	23	303.15	2.01E-04	1.58E-04	2.13E-04	2.66E-04
benzene	sulfolane	3	11	303.15	5.63E-04	4.41E-04	5.86E-04	5.28E-04
benzene	sulfolane	3	11	313.15	1.70E-04	1.07E-04	1.82E-04	6.11E-03
benzene	sulfolane	3	11	323.15	1.02E-04	6.45E-05	1.12E-04	9.13E-05
benzene	sulfolane	3	11	333.15	8.97E-05	4.28E-05	1.00E-04	6.51E-03
benzene	tert-butanol	3	10	298.15	2.24E-05	2.61E-05	8.01E-05	1.02E-04
benzene	tert-butanol	3	12	303.15	9.35E-05	2.62E-05	9.10E-05	3.79E-05
benzene	tert-butanol	3	10	313.15	1.52E-05	3.52E-06	1.42E-05	5.59E-06
benzene	tert-butanol	3	22	313.15	6.93E-05	2.67E-05	6.72E-05	3.64E-05
benzene	tert-butanol	3	12	298.15	2.45E-05	1.89E-04	4.51E-04	2.08E-04
benzene	tert-butanol	3	16	308.15	1.72E-04	1.83E-04	1.74E-04	1.65E-04
benzene	tert-pentanol	3	24	313.15	3.16E-05	8.61E-06	3.11E-05	1.82E-05
benzene	triethyl orthoformate <triethoxymethane>	3	13	333.15	3.49E-03	3.48E-03	3.82E-03	3.51E-03

benzene	triethyl orthoformate <triethoxymethane>	3	13	343.15	2.06E-05	5.92E-05	2.45E-04	5.76E-05
benzene	triethyl orthoformate <triethoxymethane>	3	13	353.15	7.97E-05	6.57E-05	1.30E-04	6.61E-05
benzonitrile	benzoic acid	3	20	423.15	2.67E-04	2.79E-04	2.77E-04	5.34E-04
benzonitrile	benzoic acid	3	18	473.15	3.10E-05	3.10E-05	3.08E-05	2.89E-05
butanenitrile	1-butanol	3	12	278.15	2.59E-04	2.45E-04	2.67E-04	2.64E-04
butanenitrile	1-butanol	3	12	288.15	6.91E-05	3.86E-05	8.84E-05	8.80E-05
butanenitrile	1-butanol	3	12	293.15	3.07E-05	1.93E-05	4.02E-05	3.97E-05
butanenitrile	1-butanol	3	12	298.15	2.08E-05	8.49E-06	3.07E-05	3.06E-05
butanenitrile	1-butanol	3	12	303.15	5.24E-05	2.13E-05	4.66E-05	4.48E-05
butanenitrile	1-butanol	3	12	308.15	3.87E-05	1.86E-05	4.15E-05	2.18E-05
butanenitrile	1-butanol	3	12	313.15	1.83E-05	1.05E-05	2.51E-05	2.53E-05
butanenitrile	1-butanol	3	12	323.15	1.34E-05	9.29E-06	1.82E-05	1.09E-05
butanenitrile	1-heptanol	3	12	298.15	3.15E-04	1.35E-04	1.54E-04	1.23E-04
butanenitrile	1-hexanol	3	12	288.15	6.11E-04	4.35E-04	7.85E-04	7.33E-04
butanenitrile	1-hexanol	3	12	293.15	2.88E-04	1.95E-04	4.19E-04	2.13E-04
butanenitrile	1-hexanol	3	12	298.15	2.37E-04	1.85E-04	3.40E-04	3.26E-04
butanenitrile	1-hexanol	3	12	303.15	2.99E-04	2.57E-04	4.40E-04	2.81E-04
butanenitrile	1-hexanol	3	12	308.15	2.30E-04	2.10E-04	3.39E-04	3.33E-04
butanenitrile	1-hexanol	3	12	313.15	1.17E-04	1.08E-04	1.84E-04	1.18E-04
butanenitrile	1-hexanol	3	12	323.15	7.46E-05	7.92E-05	1.38E-04	1.32E-04
butanenitrile	1-octanol	3	12	293.15	1.53E-03	1.61E-04	6.48E-04	1.91E-04
butanenitrile	1-octanol	3	12	298.15	4.16E-05	3.81E-05	2.75E-04	5.09E-05
butanenitrile	1-octanol	3	12	303.15	2.45E-04	2.38E-04	5.34E-04	4.84E-04
butanenitrile	1-octanol	3	12	308.15	1.16E-03	1.33E-04	3.78E-04	1.55E-04
butanenitrile	1-octanol	3	12	313.15	1.27E-03	1.18E-04	3.51E-04	9.60E-04
butanenitrile	1-octanol	3	12	323.15	5.51E-05	1.02E-04	2.72E-04	2.30E-04
butanenitrile	1-pentanol	3	13	298.15	1.60E-04	1.32E-04	2.47E-04	1.49E-04
butyl bromide	1-butanol	3	15	278.15	4.57E-05	4.48E-05	2.28E-04	6.51E-05
butyl bromide	1-butanol	3	15	288.15	6.45E-06	2.77E-05	7.62E-05	1.49E-05
butyl bromide	1-butanol	3	15	293.15	2.10E-05	1.56E-05	1.62E-04	8.15E-03
butyl bromide	1-butanol	3	15	298.15	1.47E-05	1.12E-05	1.09E-04	2.08E-05
butyl bromide	1-butanol	3	15	303.15	1.36E-05	9.52E-06	1.08E-04	1.39E-04
butyl bromide	1-butanol	3	15	308.15	3.39E-05	2.68E-05	1.51E-04	4.50E-05
butyl bromide	1-butanol	3	15	313.15	3.14E-05	3.20E-05	1.54E-04	1.87E-04
butyl bromide	1-butanol	3	15	323.15	1.57E-05	5.17E-05	1.61E-04	1.77E-04
butyl bromide	1-hexanol	3	12	278.15	8.95E-05	1.05E-04	3.75E-04	1.85E-04
butyl bromide	1-hexanol	3	12	283.15	4.85E-05	3.49E-05	2.59E-04	1.20E-04

butyl bromide	1-hexanol	3	12	288.15	3.29E-05	2.56E-05	2.24E-04	2.73E-04
butyl bromide	1-hexanol	3	12	293.15	3.30E-05	2.87E-05	2.10E-04	2.47E-04
butyl bromide	1-hexanol	3	12	298.15	1.69E-05	2.87E-05	1.97E-04	2.87E-04
butyl bromide	1-hexanol	3	12	303.15	1.42E-05	3.30E-05	1.92E-04	1.03E-04
butyl bromide	1-hexanol	3	12	308.15	2.08E-05	3.01E-05	1.70E-04	9.39E-05
butyl bromide	1-hexanol	3	12	313.15	2.15E-05	2.61E-05	1.38E-04	1.88E-04
butyl bromide	1-hexanol	3	12	318.15	9.15E-06	1.86E-05	1.04E-04	6.16E-05
butyl bromide	1-hexanol	3	12	323.15	6.37E-06	2.10E-05	1.02E-04	6.35E-05
butyl bromide	2-methyl-1-propanol	3	13	278.15	1.94E-04	1.56E-04	4.76E-04	2.10E-04
butyl bromide	2-methyl-1-propanol	3	13	283.15	6.33E-05	5.11E-05	3.72E-04	3.90E-04
butyl bromide	2-methyl-1-propanol	3	13	288.15	5.07E-05	6.25E-05	3.34E-04	8.82E-05
butyl bromide	2-methyl-1-propanol	3	13	293.15	4.22E-05	4.82E-05	2.55E-04	6.97E-05
butyl bromide	2-methyl-1-propanol	3	13	298.15	3.04E-05	5.37E-05	2.61E-04	7.18E-05
butyl bromide	2-methyl-1-propanol	3	13	303.15	4.18E-05	4.59E-05	2.06E-04	2.09E-04
butyl bromide	2-methyl-1-propanol	3	13	308.15	5.21E-05	6.23E-05	1.89E-04	7.58E-05
butyl bromide	2-methyl-1-propanol	3	13	313.15	2.09E-05	3.55E-05	1.44E-04	1.56E-04
butyl bromide	2-methyl-1-propanol	3	13	318.15	2.52E-05	3.26E-05	1.17E-04	1.30E-04
butyl bromide	2-methyl-1-propanol	3	13	323.15	5.31E-03	2.59E-05	9.56E-05	3.58E-05
butyl chloride	1-butanol	3	14	278.15	4.86E-05	2.52E-05	3.62E-04	1.49E-02
butyl chloride	1-butanol	3	14	283.15	1.95E-05	2.39E-05	3.25E-04	1.36E-02
butyl chloride	1-butanol	3	14	288.15	2.97E-05	1.82E-05	3.15E-04	6.03E-05
butyl chloride	1-butanol	3	14	293.15	2.89E-05	2.20E-05	2.75E-04	5.77E-05
butyl chloride	1-butanol	3	14	298.15	8.98E-06	2.19E-05	2.61E-04	3.14E-04
butyl chloride	1-butanol	3	14	303.15	1.20E-05	2.09E-05	2.14E-04	5.05E-05
butyl chloride	1-butanol	3	14	308.15	7.34E-06	1.53E-05	1.78E-04	3.95E-05
butyl chloride	1-butanol	3	14	313.15	5.93E-06	1.23E-05	1.46E-04	3.45E-05
butyl chloride	1-butanol	3	14	318.15	2.85E-04	3.09E-04	4.57E-04	4.75E-04
butyl chloride	1-butanol	3	14	323.15	1.34E-05	1.40E-05	1.17E-04	3.42E-05
butyl chloride	1-hexanol	3	12	278.15	2.95E-05	3.71E-05	2.35E-04	3.08E-04
butyl chloride	1-hexanol	3	12	283.15	5.51E-03	1.46E-05	1.97E-04	7.03E-05
butyl chloride	1-hexanol	3	12	288.15	1.66E-05	2.07E-05	1.88E-04	7.22E-05
butyl chloride	1-hexanol	3	12	293.15	6.26E-05	2.00E-05	1.61E-04	2.21E-04
butyl chloride	1-hexanol	3	12	298.15	1.33E-05	2.74E-05	1.80E-04	1.01E-02
butyl chloride	1-hexanol	3	12	303.15	5.11E-06	1.46E-05	1.34E-04	1.82E-04
butyl chloride	1-hexanol	3	12	308.15	4.64E-06	1.40E-05	1.14E-04	5.38E-05
butyl chloride	1-hexanol	3	12	313.15	8.67E-06	1.27E-05	9.66E-05	4.84E-05
butyl chloride	1-hexanol	3	12	318.15	6.72E-06	1.13E-05	8.34E-05	4.39E-05

butyl chloride	1-hexanol	3	12	323.15	3.16E-06	1.10E-05	7.37E-05	1.12E-04
butyl chloride	1-propanol	3	17	298.15	4.47E-05	1.42E-05	2.36E-04	4.08E-05
butyl chloride	1-propanol	3	35	318.15	1.81E-05	8.41E-06	1.10E-04	1.23E-04
butyl chloride	1-propanol	3	32	338.15	9.60E-06	6.07E-06	4.91E-05	1.13E-05
butyl chloride	2,4,4-trimethyl-1-pentene	3	25	293.15	1.22E-05	4.06E-07	4.30E-07	4.08E-07
butyl chloride	2,4,4-trimethyl-1-pentene	3	23	313.15	4.56E-06	3.70E-06	3.74E-06	3.77E-06
butyl chloride	2,4,4-trimethyl-2-pentene	3	23	293.15	2.31E-06	4.39E-06	4.60E-06	4.47E-06
butyl chloride	2,4,4-trimethyl-2-pentene	3	24	313.15	2.88E-06	2.93E-06	3.01E-06	2.99E-06
butyl chloride	2-butanol	3	14	278.15	6.99E-06	1.41E-04	5.74E-04	1.93E-04
butyl chloride	2-butanol	3	14	283.15	4.52E-06	1.31E-04	4.82E-04	1.78E-04
butyl chloride	2-butanol	3	14	288.15	1.41E-04	1.08E-04	3.96E-04	1.51E-04
butyl chloride	2-butanol	3	14	293.15	1.70E-06	9.36E-05	3.28E-04	3.46E-04
butyl chloride	2-butanol	3	14	298.15	2.01E-06	8.16E-05	2.75E-04	1.15E-04
butyl chloride	2-butanol	3	14	303.15	3.27E-06	7.22E-05	2.23E-04	1.01E-04
butyl chloride	2-butanol	3	14	308.15	2.82E-06	5.43E-05	1.71E-04	7.76E-05
butyl chloride	2-butanol	3	14	313.15	1.98E-06	5.14E-05	1.48E-04	7.32E-05
butyl chloride	2-butanol	3	14	318.15	1.99E-06	4.44E-05	1.22E-04	6.33E-05
butyl chloride	2-butanol	3	14	323.15	8.79E-06	3.27E-05	9.12E-05	4.83E-05
butyl chloride	2-methyl-1-propanol	3	15	278.15	6.40E-05	6.58E-05	3.32E-04	4.20E-04
butyl chloride	2-methyl-1-propanol	3	15	283.15	2.47E-05	3.85E-05	3.97E-04	7.59E-05
butyl chloride	2-methyl-1-propanol	3	15	288.15	6.67E-06	2.52E-05	3.24E-04	6.06E-05
butyl chloride	2-methyl-1-propanol	3	15	293.15	1.66E-05	2.41E-05	2.85E-04	5.92E-05
butyl chloride	2-methyl-1-propanol	3	15	298.15	1.40E-05	2.80E-05	2.63E-04	2.82E-04
butyl chloride	2-methyl-1-propanol	3	15	303.15	3.26E-06	1.96E-05	1.96E-04	4.54E-05
butyl chloride	2-methyl-1-propanol	3	15	308.15	1.01E-05	1.72E-05	1.61E-04	4.10E-05
butyl chloride	2-methyl-1-propanol	3	15	313.15	3.72E-06	1.79E-05	1.41E-04	3.92E-05
butyl chloride	2-methyl-1-propanol	3	15	318.15	3.35E-06	1.72E-05	1.20E-04	3.63E-05
butyl chloride	2-methyl-1-propanol	3	15	323.15	4.61E-06	1.91E-05	1.09E-04	3.72E-05
butyl chloride	acetonitrile	3	15	298.69	6.91E-06	6.18E-06	1.24E-05	5.79E-06
butyl chloride	acetonitrile	3	15	348.18	3.19E-06	2.96E-06	5.00E-06	5.80E-06
butyl chloride	acetonitrile	3	15	398.89	3.02E-06	3.89E-06	3.02E-06	3.04E-06
butyl chloride	cyclohexene	3	23	293.15	2.22E-07	2.41E-07	2.38E-07	2.56E-07
butyl chloride	cyclohexene	3	22	313.15	6.61E-07	7.15E-07	7.03E-07	7.51E-07
butyl chloride	nitromethane	3	15	298.18	3.43E-06	2.65E-06	6.56E-05	1.78E-06
butyl chloride	nitromethane	3	15	348.16	6.27E-07	3.03E-06	2.53E-05	3.11E-05
butyl chloride	nitromethane	3	15	398.16	9.13E-07	3.91E-06	1.20E-05	1.37E-05
butyl chloride	tert-butanol	3	16	298.15	7.76E-06	7.25E-05	1.77E-04	9.10E-05

butyl chloride	tert-butanol	3	16	303.15	1.84E-05	4.66E-05	1.19E-04	2.12E-03
butyl chloride	tert-butanol	3	16	308.15	1.60E-05	3.35E-05	8.54E-05	1.84E-03
butyl chloride	tert-butanol	3	16	313.15	1.42E-05	2.38E-05	6.00E-05	7.10E-05
butyl chloride	tert-butanol	3	16	318.15	3.15E-06	1.30E-05	3.55E-05	3.97E-05
butyl chloride	tert-butanol	3	16	323.15	2.95E-06	7.47E-06	2.02E-05	2.47E-05
butylamine	benzene	3	12	298.15	1.20E-06	1.20E-06	1.20E-06	1.19E-06
carbon disulfide	1,4-dioxane	3	13	293.15	6.75E-06	1.51E-04	2.30E-04	2.40E-04
carbon disulfide	acetone	3	11	273.15	9.51E-05	1.60E-04	3.05E-04	1.49E-04
carbon disulfide	acetone	3	11	283.15	2.54E-04	3.21E-04	4.52E-04	3.01E-04
carbon disulfide	acetone	3	11	293.15	1.39E-04	1.80E-04	2.32E-04	2.44E-04
carbon disulfide	acetone	3	11	303.15	1.26E-04	1.26E-04	1.80E-04	1.18E-04
carbon disulfide	acetone	3	11	308.15	9.25E-05	1.28E-04	1.54E-04	1.23E-04
carbon disulfide	ethanol	3	44	293.15	1.86E-04	2.18E-04	n/a	n/a
carbon disulfide	toluene	3	11	273.15	2.01E-05	9.51E-05	2.10E-04	1.23E-04
carbon disulfide	toluene	3	11	283.15	1.06E-05	6.21E-06	2.97E-04	8.60E-05
carbon disulfide	toluene	3	11	293.15	5.31E-06	1.51E-05	2.59E-05	7.25E-06
carbon disulfide	toluene	3	11	303.15	6.08E-06	5.69E-06	6.56E-05	1.67E-05
carbon disulfide	toluene	3	11	313.15	2.15E-04	2.76E-04	3.08E-04	2.83E-04
chlorobenzene	aniline	3	15	293.15	6.60E-06	5.78E-06	1.53E-05	7.06E-06
chlorobenzene	aniline	3	15	343.15	9.52E-07	5.78E-06	1.02E-05	1.01E-05
chlorobenzene	aniline	3	15	393.15	3.24E-06	7.97E-06	9.45E-06	9.39E-06
chlorobenzene	N-methylformamide	3	44	363.15	1.29E-05	1.21E-05	2.44E-04	2.16E-05
chlorobenzene	phenol	3	18	452.50	2.58E-04	3.07E-04	2.88E-04	2.71E-04
chlorobenzene	phenol	3	20	372.90	1.69E-04	1.23E-04	1.25E-04	1.26E-04
chloroethane	ethanol	3	19	273.15	2.84E-05	4.66E-05	1.67E-04	6.87E-05
chloroethane	ethanol	3	18	373.15	6.20E-05	7.00E-05	6.08E-05	6.08E-05
chloroform	1,4-dioxane	3	20	303.15	3.01E-05	4.60E-05	3.57E-05	4.78E-04
chloroform	1,4-dioxane	3	22	323.15	2.33E-05	3.22E-05	2.55E-05	2.07E-04
chloroform	1-propanol	3	12	303.15	2.04E-04	4.99E-04	1.18E-04	4.34E-05
chloroform	chlorobenzene	3	16	432.60	2.38E-04	5.65E-04	8.26E-04	6.55E-04
chloroform	chlorobenzene	3	20	313.50	1.24E-03	1.25E-03	1.28E-03	1.44E-03
chloroform	di-n-propyl ether	3	16	298.15	1.72E-05	1.97E-05	1.72E-05	1.53E-05
chloroform	ethanol	3	32	323.15	1.86E-04	2.12E-04	1.34E-04	9.15E-05
chloroform	ethanol	3	23	323.15	1.41E-04	1.61E-04	1.01E-04	5.74E-05
chloroform	tetrahydrofuran	3	23	303.15	1.71E-05	3.29E-05	1.71E-05	1.63E-05
chloroform	tetrahydrofuran	3	13	293.15	3.41E-05	6.45E-05	3.41E-05	3.18E-05
chloroform	tetrahydrofuran	3	13	303.15	2.42E-05	4.47E-05	2.42E-05	2.71E-05

chloroform	tetrahydrofuran	3	12	313.15	1.06E-04	1.03E-04	1.37E-04	5.02E-04
chloroform	toluene	3	25	303.15	3.25E-06	3.16E-06	3.25E-06	3.22E-06
chloroform	triethylamine	3	12	298.15	1.22E-04	1.54E-04	1.22E-04	1.64E-04
cis-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	10	293.15	1.03E-04	9.76E-05	2.95E-04	1.25E-04
cis-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	10	303.15	1.17E-04	1.38E-04	3.39E-04	1.73E-04
cis-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	10	313.15	6.00E-05	5.84E-05	1.86E-04	1.65E-04
cis-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	10	323.15	4.92E-05	4.71E-05	1.46E-04	1.39E-04
cis-2-butene	acetonitrile	3	12	323.15	2.21E-04	1.31E-04	4.18E-04	2.02E-04
cis-2-butene	N,N-dimethylformamide (DMF)	3	11	323.15	2.01E-05	4.19E-05	4.00E-04	5.39E-04
cis-2-butene	N,N-dimethylformamide (DMF)	3	12	273.20	2.07E-04	6.74E-04	n/a	n/a
cis-2-butene	N,N-dimethylformamide (DMF)	3	12	273.15	2.19E-04	6.99E-04	n/a	n/a
cyclohexane	bromobenzene	3	31	288.15	3.63E-04	3.57E-04	3.64E-04	3.59E-04
cyclohexane	bromobenzene	3	31	298.15	1.35E-04	1.30E-04	1.36E-04	1.36E-04
cyclohexane	bromobenzene	3	32	308.15	8.05E-05	8.00E-05	8.55E-05	8.52E-05
cyclohexane	ethylbenzene	3	13	303.15	7.38E-05	7.21E-05	7.44E-05	7.91E-05
cyclohexane	ethylbenzene	3	13	313.15	2.69E-05	2.64E-05	2.71E-05	2.89E-05
cyclohexane	ethylbenzene	3	13	323.15	3.84E-05	3.76E-05	3.86E-05	4.15E-05
cyclohexane	m-xylene	3	15	298.15	7.77E-06	7.51E-06	7.83E-06	7.83E-06
cyclohexane	m-xylene	3	12	303.15	7.27E-05	6.97E-05	7.38E-05	8.11E-05
cyclohexane	m-xylene	3	12	323.15	1.29E-06	1.27E-06	1.30E-06	1.38E-06
cyclohexane	o-xylene	3	11	303.15	5.87E-05	5.62E-05	5.96E-05	6.23E-05
cyclohexane	o-xylene	3	11	323.15	6.94E-06	6.73E-06	7.05E-06	7.09E-06
cyclohexane	propylbenzene	3	11	303.15	4.24E-04	4.24E-04	4.26E-04	4.24E-04
cyclohexane	propylbenzene	3	11	308.15	5.49E-04	5.56E-04	5.68E-04	5.63E-04
cyclohexane	propylbenzene	3	11	313.15	1.73E-04	1.92E-04	1.93E-04	1.92E-04
cyclohexane	propylbenzene	3	11	318.15	2.37E-04	2.52E-04	2.54E-04	2.53E-04
cyclohexane	propylbenzene	3	11	323.15	1.40E-04	1.46E-04	1.47E-04	1.47E-04
cyclohexane	p-xylene	3	10	298.15	1.05E-04	1.07E-04	1.05E-04	1.02E-04
cyclohexane	p-xylene	3	10	308.15	6.78E-05	7.01E-05	6.99E-05	6.96E-05
cyclohexane	p-xylene	3	10	318.15	2.30E-05	2.30E-05	2.30E-05	2.30E-05
cyclohexane	p-xylene	3	10	328.15	1.94E-05	1.96E-05	1.94E-05	1.94E-05
cyclohexane	p-xylene	3	15	303.15	1.01E-04	5.79E-04	6.12E-04	6.21E-04
cyclohexane	p-xylene	3	15	323.15	5.96E-05	5.97E-05	6.05E-05	6.02E-05
cyclohexane	toluene	3	12	293.15	7.74E-06	7.07E-06	7.83E-06	7.26E-06
cyclohexane	toluene	3	12	298.15	4.61E-06	4.13E-06	4.68E-06	4.26E-06
cyclohexane	toluene	3	12	303.15	5.92E-06	5.45E-06	5.99E-06	5.62E-06
cyclohexane	toluene	3	12	308.15	5.22E-06	4.85E-06	5.28E-06	4.97E-06

cyclohexane	toluene	3	12	313.15	9.08E-06	8.71E-06	9.13E-06	8.84E-06
cyclohexane	toluene	3	12	318.15	1.33E-06	1.30E-06	1.34E-06	1.32E-06
cyclohexanol	N-methyl-2-pyrrolidone	3	13	393.55	2.36E-05	2.41E-05	3.03E-05	6.29E-05
decane	phenol	3	19	418.15	1.20E-04	2.40E-04	1.20E-04	1.21E-04
decane	phenol	3	19	433.15	1.74E-04	3.23E-04	1.74E-04	1.73E-04
decane	quinoline	3	11	393.15	3.77E-05	5.18E-05	3.77E-05	3.70E-05
dibromomethane [R30B2]	dimethyl sulfoxide	3	19	298.15	2.88E-04	3.74E-04	3.94E-04	6.41E-04
dibromomethane [R30B2]	dimethyl sulfoxide	3	20	308.15	4.10E-04	4.12E-04	4.10E-04	4.06E-04
dichlorodifluoromethane [R12]	diethyl ether	3	14	333.11	3.94E-05	5.59E-05	7.47E-05	5.78E-05
dichloromethane	1,4-dioxane	3	21	303.15	1.25E-05	1.37E-05	1.24E-05	1.06E-05
dichloromethane	1,4-dioxane	3	12	298.15	1.21E-04	1.34E-04	1.20E-04	1.27E-04
dichloromethane	1-hexene	3	15	298.17	2.34E-07	4.80E-07	8.51E-07	1.17E-06
dichloromethane	2-butanone	3	14	288.15	1.36E-05	1.23E-05	1.52E-05	1.56E-05
dichloromethane	acetone	3	21	303.15	3.72E-06	3.80E-06	4.06E-06	1.27E-05
dichloromethane	acetone	3	15	298.19	5.47E-06	6.16E-06	5.47E-06	6.82E-06
dichloromethane	acetone	3	15	348.16	2.12E-06	2.24E-06	2.12E-06	6.08E-06
dichloromethane	acetone	3	15	398.15	7.38E-08	7.90E-08	7.38E-08	6.06E-08
dichloromethane	acetone	3	12	273.15	1.39E-04	1.34E-04	1.40E-04	1.56E-04
dichloromethane	ethanol	3	14	318.03	6.17E-05	1.28E-04	6.44E-05	3.72E-05
dichloromethane	ethanol	3	15	338.13	2.55E-05	5.60E-05	2.69E-05	1.63E-05
dichloromethane	ethanol	3	11	358.03	1.09E-05	2.41E-05	1.15E-05	5.67E-06
dichloromethane	ethyl acetate	3	15	298.21	4.75E-06	1.81E-05	1.48E-05	1.39E-05
dichloromethane	ethyl acetate	3	15	348.15	4.24E-07	2.19E-06	1.75E-06	1.64E-06
dichloromethane	ethyl acetate	3	15	398.17	1.00E-06	9.84E-07	1.03E-06	5.30E-05
dichloromethane	methyl acetate	3	23	303.15	1.05E-05	1.09E-05	1.05E-05	9.79E-06
dichloromethane	o-xylene	3	12	293.15	2.10E-04	2.24E-04	2.10E-04	2.98E-04
dichloromethane	o-xylene	3	12	298.15	7.09E-05	7.34E-05	7.09E-05	8.88E-05
dichloromethane	phenol	3	13	432.50	2.64E-03	2.65E-03	2.64E-03	2.60E-03
dichloromethane	phenol	3	18	353.10	3.70E-04	3.54E-04	3.73E-04	3.76E-04
dichloromethane	p-xylene	3	12	293.15	5.55E-04	5.68E-04	5.55E-04	5.98E-04
dichloromethane	p-xylene	3	13	298.15	5.46E-04	5.56E-04	5.46E-04	5.83E-04
dichloromethane	p-xylene	3	12	303.15	1.30E-04	1.36E-04	1.36E-04	1.41E-04
dichloromethane	tetrahydrofuran	3	21	303.15	3.42E-06	1.49E-05	1.13E-05	6.70E-05
diethyl ether	1-propanol	3	24	303.15	3.81E-05	4.28E-05	5.64E-05	4.52E-05
diethyl ether	acetone	3	15	298.06	3.35E-07	1.57E-06	3.02E-06	3.13E-06
diethyl ether	acetone	3	15	338.19	1.68E-07	7.22E-07	1.38E-06	1.37E-06
diethyl ether	acetone	3	15	388.30	2.81E-06	3.92E-06	4.63E-06	4.58E-06

diethyl ether	acetone	3	13	333.11	2.19E-06	3.79E-05	4.15E-05	4.14E-05
diethyl ether	acetone	3	13	338.04	1.47E-06	6.92E-06	8.21E-06	7.26E-06
diethyl ether	acetone	3	13	343.02	3.24E-05	3.38E-05	3.16E-05	3.18E-05
diethyl ether	acetonitrile	3	15	298.14	7.81E-06	9.36E-06	4.37E-05	4.80E-05
diethyl ether	acetonitrile	3	15	338.16	1.77E-05	1.75E-05	3.66E-05	3.72E-05
diethyl ether	acetonitrile	3	15	388.17	1.86E-05	3.91E-05	5.94E-05	4.26E-05
diethyl ether	chloroform	3	11	273.15	8.27E-05	2.71E-04	6.35E-04	3.49E-04
diethyl ether	chloroform	3	11	283.15	1.75E-04	1.40E-04	2.75E-04	1.63E-04
diethyl ether	chloroform	3	11	293.15	2.04E-05	2.05E-05	7.05E-05	2.18E-05
diethyl ether	chloroform	3	11	303.15	1.31E-04	1.28E-04	1.31E-04	1.29E-04
diethyl ether	chloroform	3	11	333.15	5.80E-05	6.11E-05	5.80E-05	5.65E-05
diethyl ether	chloroform	3	11	353.15	1.67E-05	1.79E-05	1.67E-05	1.44E-04
diethyl ether	chloroform	3	11	373.15	9.64E-06	9.73E-06	9.84E-06	4.92E-05
diethyl ether	chloroform	3	12	298.15	3.63E-05	5.25E-05	3.63E-05	7.74E-05
diethyl ether	dimethoxymethane	3	12	273.15	7.34E-06	7.37E-06	7.40E-06	7.42E-06
diethyl ether	dimethoxymethane	3	12	283.15	3.22E-06	3.25E-06	3.23E-06	3.15E-06
diethyl ether	methanol	3	21	298.15	1.37E-05	8.54E-06	3.17E-05	3.69E-05
diethyl ether	methanol	3	15	298.16	7.17E-06	3.80E-06	3.43E-05	7.24E-06
diethyl ether	methanol	3	15	338.17	2.72E-06	3.95E-06	2.20E-05	6.10E-06
diethyl ether	methanol	3	15	388.15	6.42E-06	7.52E-06	1.14E-05	7.36E-06
diethyl ether	methyl iodide	3	13	308.15	9.49E-06	9.42E-06	8.49E-06	3.40E-06
diisopropyl ether	2-butanone	3	13	288.15	1.72E-06	2.30E-06	3.21E-06	2.47E-06
diisopropyl ether	2-butanone	3	13	293.15	3.71E-06	3.73E-06	3.79E-06	3.73E-06
diisopropyl ether	2-butanone	3	13	298.15	8.19E-07	8.16E-07	9.14E-07	8.47E-07
diisopropyl ether	2-butanone	3	13	303.15	2.91E-06	2.95E-06	4.01E-06	3.66E-06
diisopropyl ether	2-butanone	3	13	308.15	6.74E-07	1.11E-06	1.79E-06	1.24E-06
diisopropyl ether	2-butanone	3	13	313.15	8.17E-07	1.27E-06	2.00E-06	1.42E-06
diisopropyl ether	2-butanone	3	13	323.15	1.05E-06	1.04E-06	1.32E-06	1.08E-06
diisopropyl ether	2-propanol	3	26	313.15	2.21E-05	1.16E-06	1.60E-05	1.17E-05
dimethoxymethane	chloroform	3	13	308.15	2.49E-07	8.07E-07	2.49E-07	1.28E-04
dimethyl ether	formic acid ethyl ester	3	21	353.15	2.55E-04	2.61E-04	2.61E-04	2.62E-04
dimethyl ether	methylamine	3	45	353.15	2.75E-05	2.75E-05	2.75E-05	2.75E-05
dimethyl ether	methylamine	3	21	273.15	7.76E-06	1.04E-05	1.08E-05	1.08E-05
dimethyl sulfide	dimethyl sulfoxide	3	10	303.15	4.17E-05	6.01E-05	4.26E-05	3.81E-03
dimethyl sulfide	dimethyl sulfoxide	3	10	313.15	8.65E-05	9.12E-05	9.04E-05	1.01E-04
dimethyl sulfide	methanol	3	10	288.15	6.82E-05	9.71E-05	2.30E-04	8.69E-05
dimethyl sulfide	methanol	3	10	273.15	8.75E-05	1.24E-04	3.08E-04	9.59E-05

dimethyl sulfide	methanol	3	10	263.15	9.87E-05	1.53E-04	4.24E-04	6.77E-04
dimethyl sulfoxide	diethyl ketoxime	3	22	323.15	9.57E-05	n/a	9.49E-05	9.98E-05
dimethylamine	methanol	3	18	303.15	5.58E-04	6.67E-04	5.58E-04	9.06E-03
dimethylamine	methanol	3	18	313.15	2.81E-04	3.28E-04	2.81E-04	7.49E-03
dimethylamine	methanol	3	20	323.15	3.36E-04	3.66E-04	3.36E-04	4.94E-03
dimethylamine	methanol	3	25	353.15	1.16E-04	1.24E-04	1.16E-04	1.01E-04
dimethylamine	methanol	3	10	373.15	4.61E-05	7.73E-05	7.51E-05	9.97E-04
dimethylamine	methanol	3	10	403.15	1.56E-05	1.77E-05	1.76E-05	1.75E-05
dimethylamine	water	3	12	353.15	7.70E-04	6.68E-04	7.70E-04	6.78E-04
dimethylamine	water	3	14	323.15	4.02E-04	7.15E-04	4.37E-04	9.02E-04
dimethylamine	water	3	17	353.15	4.36E-04	6.97E-04	6.99E-04	7.97E-04
dimethylamine	water	3	16	373.15	5.24E-04	4.90E-04	5.24E-04	5.75E-04
dimethylamine	water	3	16	403.15	2.80E-04	2.21E-04	2.80E-04	3.26E-04
di-n-propyl ether	1-butanol	3	18	278.15	4.23E-05	4.16E-05	9.51E-05	8.69E-05
di-n-propyl ether	1-butanol	3	18	288.15	2.36E-05	3.36E-05	9.97E-05	9.59E-05
di-n-propyl ether	1-butanol	3	18	293.15	5.44E-06	1.83E-05	8.29E-05	8.65E-05
di-n-propyl ether	1-butanol	3	18	298.15	2.92E-05	1.49E-05	5.19E-05	3.67E-05
di-n-propyl ether	1-butanol	3	18	303.15	1.66E-05	1.69E-05	5.22E-05	2.71E-05
di-n-propyl ether	1-butanol	3	18	308.15	2.80E-05	1.32E-05	4.44E-05	2.18E-05
di-n-propyl ether	1-butanol	3	18	313.15	1.87E-05	1.63E-05	4.88E-05	4.99E-05
di-n-propyl ether	1-butanol	3	18	323.15	7.82E-06	1.35E-05	4.28E-05	2.24E-05
di-n-propyl ether	1-hexanol	3	12	288.15	2.11E-05	2.15E-05	4.07E-05	2.72E-05
di-n-propyl ether	1-hexanol	3	12	293.15	1.25E-05	1.25E-05	2.86E-05	1.93E-05
di-n-propyl ether	1-hexanol	3	12	298.15	7.72E-05	7.77E-05	9.42E-05	8.47E-05
di-n-propyl ether	1-hexanol	3	12	303.15	1.36E-05	1.34E-05	2.36E-05	1.80E-05
di-n-propyl ether	1-hexanol	3	12	308.15	8.61E-06	6.00E-06	2.29E-05	1.54E-05
di-n-propyl ether	1-hexanol	3	12	313.15	3.84E-06	3.58E-06	1.49E-05	1.00E-05
di-n-propyl ether	1-hexanol	3	12	323.15	1.18E-05	1.25E-05	2.54E-05	2.07E-05
di-n-propyl ether	1-octanol	3	12	293.15	8.03E-05	8.13E-05	8.40E-05	8.43E-05
di-n-propyl ether	1-octanol	3	12	298.15	6.09E-05	6.29E-05	5.96E-05	6.02E-05
di-n-propyl ether	1-octanol	3	12	303.15	9.66E-05	1.04E-04	8.21E-05	6.74E-05
di-n-propyl ether	1-octanol	3	12	308.15	2.50E-05	2.47E-05	3.83E-05	4.06E-05
di-n-propyl ether	1-octanol	3	12	313.15	3.93E-05	4.11E-05	3.67E-05	3.61E-05
di-n-propyl ether	1-octanol	3	12	323.15	1.82E-05	2.00E-05	1.46E-05	1.32E-05
di-n-propyl ether	1-propanol	3	15	278.15	5.82E-05	4.35E-05	1.21E-04	5.58E-05
di-n-propyl ether	1-propanol	3	15	288.15	8.22E-06	1.07E-05	6.59E-05	1.38E-05
di-n-propyl ether	1-propanol	3	15	293.15	1.25E-05	1.39E-05	3.16E-05	1.22E-05

di-n-propyl ether	1-propanol	3	15	298.15	4.01E-05	1.07E-05	5.34E-05	4.73E-05
di-n-propyl ether	1-propanol	3	15	303.15	4.91E-06	4.31E-06	3.29E-05	2.75E-05
di-n-propyl ether	1-propanol	3	15	308.15	1.14E-05	1.69E-06	1.68E-05	1.34E-06
di-n-propyl ether	1-propanol	3	15	313.15	2.22E-06	2.78E-06	1.00E-05	1.66E-06
di-n-propyl ether	1-propanol	3	15	323.15	3.17E-06	3.36E-06	1.58E-05	3.80E-06
di-n-propyl ether	2-butanol	3	16	278.15	1.70E-05	8.09E-05	2.00E-04	9.62E-05
di-n-propyl ether	2-butanol	3	16	288.15	4.69E-05	3.40E-05	9.52E-05	4.41E-05
di-n-propyl ether	2-butanol	3	16	293.15	1.57E-05	1.59E-05	3.33E-05	1.75E-05
di-n-propyl ether	2-butanol	3	16	298.15	1.74E-05	1.15E-05	3.10E-05	2.67E-05
di-n-propyl ether	2-butanol	3	16	303.15	9.85E-06	4.07E-06	2.06E-05	7.06E-06
di-n-propyl ether	2-butanol	3	16	308.15	4.63E-06	3.65E-06	1.48E-05	5.64E-06
di-n-propyl ether	2-butanol	3	16	313.15	2.62E-05	1.48E-05	3.49E-05	3.37E-05
di-n-propyl ether	2-butanol	3	16	323.15	1.08E-05	5.38E-06	1.41E-05	1.33E-05
di-n-propyl ether	2-methyl-1-propanol	3	13	278.15	2.36E-04	1.95E-04	3.24E-04	2.09E-04
di-n-propyl ether	2-methyl-1-propanol	3	13	288.15	1.05E-05	6.84E-06	2.65E-05	2.52E-05
di-n-propyl ether	2-methyl-1-propanol	3	13	293.15	3.59E-06	6.29E-06	8.93E-06	8.40E-06
di-n-propyl ether	2-methyl-1-propanol	3	13	298.15	7.98E-06	1.18E-05	1.17E-05	1.14E-05
di-n-propyl ether	2-methyl-1-propanol	3	13	303.15	1.23E-05	1.37E-05	1.44E-05	1.27E-05
di-n-propyl ether	2-methyl-1-propanol	3	13	308.15	1.20E-05	1.44E-05	1.41E-05	1.36E-05
di-n-propyl ether	2-methyl-1-propanol	3	13	313.15	9.52E-06	1.01E-05	1.32E-05	1.05E-05
di-n-propyl ether	2-methyl-1-propanol	3	13	323.15	6.41E-06	6.22E-06	1.14E-05	7.21E-06
dipropylamine	N-methylacetamide	3	39	398.55	1.70E-05	1.49E-05	3.59E-04	2.82E-05
ethanethiol	methanol	3	13	273.15	9.01E-05	1.84E-04	4.27E-04	1.60E-04
ethanethiol	methanol	3	13	283.15	6.98E-06	3.16E-05	2.21E-04	3.89E-04
ethanethiol	methanol	3	13	293.15	4.36E-06	1.43E-05	1.64E-04	1.50E-05
ethanol	1,2-ethanediol	3	24	323.15	6.84E-06	9.86E-06	1.43E-05	1.10E-05
ethanol	1,4-dioxane	3	19	293.15	2.51E-05	2.36E-05	2.55E-05	2.61E-05
ethanol	1,4-dioxane	3	20	323.15	1.04E-05	7.77E-06	1.08E-05	1.68E-04
ethanol	1,4-dioxane	3	12	298.15	2.63E-05	2.68E-05	2.70E-05	2.61E-05
ethanol	1,4-dioxane	3	23	323.15	1.58E-06	3.85E-07	1.79E-06	2.26E-06
ethanol	1,4-dioxane	3	28	333.15	2.35E-06	2.01E-06	2.45E-06	2.54E-06
ethanol	2-butanone	3	12	278.15	8.76E-06	7.81E-06	1.01E-05	1.04E-05
ethanol	2-butanone	3	12	288.15	1.66E-05	1.82E-05	1.56E-05	1.54E-05
ethanol	2-butanone	3	12	298.15	4.95E-06	5.48E-06	7.60E-06	5.88E-06
ethanol	2-butanone	3	12	308.15	1.14E-06	1.45E-06	2.36E-06	2.18E-05
ethanol	2-butanone	3	12	313.15	2.99E-06	2.80E-06	3.37E-06	3.37E-06
ethanol	2-butanone	3	12	323.15	4.18E-06	3.53E-06	4.65E-06	3.79E-06

ethanol	acetic acid	3	15	308.15	2.33E-04	2.34E-04	2.33E-04	2.32E-04
ethanol	acetic acid	3	15	318.15	5.39E-05	5.42E-05	5.41E-05	5.39E-05
ethanol	acetic acid pentyl ester	3	13	323.15	7.50E-04	7.85E-04	7.33E-04	7.31E-04
ethanol	acetic acid pentyl ester	3	13	333.15	2.46E-04	2.95E-04	2.37E-04	1.64E-04
ethanol	acetic acid pentyl ester	3	13	343.15	7.39E-05	9.16E-05	7.10E-05	5.09E-05
ethanol	acetic acid pentyl ester	3	13	353.15	1.68E-04	2.03E-04	1.62E-04	1.04E-04
ethanol	acetonitrile	3	14	323.15	9.04E-06	9.50E-06	1.21E-05	2.58E-04
ethanol	acetonitrile	3	15	293.15	1.99E-05	2.69E-05	5.35E-05	3.03E-05
ethanol	acetonitrile	3	15	343.15	2.91E-07	1.42E-06	3.82E-06	4.85E-06
ethanol	acetonitrile	3	15	393.15	1.72E-07	1.84E-07	2.85E-07	2.31E-07
ethanol	benzene	3	27	293.15	9.96E-05	7.41E-06	1.74E-04	2.95E-05
ethanol	benzene	3	12	323.15	3.65E-04	7.80E-04	3.94E-04	3.14E-04
ethanol	benzene	3	28	298.15	6.22E-04	2.49E-04	6.99E-04	8.62E-04
ethanol	benzene	3	12	307.95	3.61E-05	7.29E-05	6.50E-05	2.45E-05
ethanol	benzene	3	12	323.15	2.24E-05	7.06E-06	4.89E-05	1.39E-05
ethanol	benzene	3	12	333.15	2.25E-05	7.48E-06	5.20E-05	1.56E-05
ethanol	benzene	3	12	339.15	1.56E-05	1.75E-05	2.46E-05	9.70E-06
ethanol	benzene	3	24	313.15	5.41E-05	2.46E-06	8.69E-05	1.42E-05
ethanol	benzene	3	18	303.15	4.21E-05	1.94E-06	7.07E-05	1.01E-05
ethanol	benzene	3	17	313.15	1.90E-05	1.85E-06	3.15E-05	3.08E-06
ethanol	butanenitrile	3	13	278.15	2.21E-05	3.53E-05	9.10E-05	4.08E-05
ethanol	butanenitrile	3	13	288.15	9.95E-06	2.24E-05	6.24E-05	2.70E-05
ethanol	butanenitrile	3	13	293.15	7.79E-06	1.61E-05	4.58E-05	1.96E-05
ethanol	butanenitrile	3	13	298.15	5.57E-06	1.99E-05	5.02E-05	5.50E-05
ethanol	butanenitrile	3	13	303.15	6.22E-06	2.25E-05	5.07E-05	2.66E-05
ethanol	butanenitrile	3	13	308.15	6.48E-06	1.15E-05	2.86E-05	1.38E-05
ethanol	butanenitrile	3	13	313.15	9.77E-06	7.49E-06	1.96E-05	9.19E-06
ethanol	butanenitrile	3	13	323.15	4.51E-05	3.95E-05	4.85E-05	5.01E-05
ethanol	butyl acetate	3	13	323.15	5.16E-05	5.30E-05	5.71E-05	5.54E-05
ethanol	butyl acetate	3	13	333.15	1.35E-04	1.12E-04	1.54E-04	1.61E-04
ethanol	butyl acetate	3	13	343.15	2.13E-04	1.83E-04	2.30E-04	2.46E-04
ethanol	butyl acetate	3	13	353.15	2.03E-05	1.52E-05	2.35E-05	2.89E-05
ethanol	butyl bromide	3	14	278.15	1.09E-04	1.72E-05	n/a	5.10E-05
ethanol	butyl bromide	3	14	283.15	1.45E-04	1.79E-05	4.03E-04	5.95E-05
ethanol	butyl bromide	3	14	288.15	1.42E-04	3.14E-05	n/a	7.61E-05
ethanol	butyl bromide	3	14	293.15	2.91E-04	1.56E-05	n/a	4.46E-05
ethanol	butyl bromide	3	14	298.15	1.35E-04	2.73E-05	4.02E-04	6.52E-05

ethanol	butyl bromide	3	14	303.15	1.20E-04	2.25E-05	3.65E-04	5.55E-05
ethanol	butyl bromide	3	14	308.15	1.41E-04	2.33E-05	3.37E-04	5.42E-05
ethanol	butyl bromide	3	14	313.15	1.30E-05	2.04E-05	3.02E-04	4.87E-05
ethanol	butyl bromide	3	14	318.15	9.64E-05	1.80E-05	2.80E-04	4.10E-05
ethanol	butyl bromide	3	14	323.15	8.23E-05	1.69E-05	2.57E-04	3.72E-05
ethanol	butyl chloride	3	18	278.15	4.55E-06	8.22E-06	n/a	1.02E-05
ethanol	butyl chloride	3	18	283.15	5.02E-06	8.97E-06	1.16E-04	8.73E-06
ethanol	butyl chloride	3	18	288.15	2.46E-06	3.61E-06	1.17E-04	6.44E-06
ethanol	butyl chloride	3	18	293.15	2.86E-06	2.98E-06	1.10E-04	6.91E-06
ethanol	butyl chloride	3	18	298.15	2.19E-06	3.08E-06	8.91E-05	5.95E-06
ethanol	butyl chloride	3	18	303.15	2.24E-06	1.99E-06	8.91E-05	6.46E-06
ethanol	butyl chloride	3	18	308.15	2.85E-06	2.57E-06	8.67E-05	6.82E-06
ethanol	butyl chloride	3	18	313.15	1.59E-05	1.43E-06	6.88E-05	4.82E-06
ethanol	butyl chloride	3	18	318.15	1.27E-05	2.15E-06	5.70E-05	3.90E-06
ethanol	butyl chloride	3	18	323.15	3.04E-06	3.02E-06	6.86E-05	7.37E-06
ethanol	dimethyl sulfoxide	3	26	333.15	1.39E-04	1.37E-04	1.42E-04	1.43E-04
ethanol	di-n-propyl ether	3	15	278.15	2.47E-05	2.97E-05	4.39E-05	4.09E-05
ethanol	di-n-propyl ether	3	15	288.15	6.12E-06	7.47E-06	6.05E-05	9.61E-06
ethanol	di-n-propyl ether	3	15	293.15	9.63E-06	8.63E-06	4.32E-05	3.96E-05
ethanol	di-n-propyl ether	3	15	298.15	9.69E-06	8.81E-06	4.49E-05	9.30E-05
ethanol	di-n-propyl ether	3	15	303.15	6.61E-05	9.99E-06	4.92E-05	7.16E-05
ethanol	di-n-propyl ether	3	15	308.15	6.98E-06	5.86E-06	4.18E-05	6.75E-06
ethanol	di-n-propyl ether	3	15	313.15	3.69E-06	3.72E-06	3.31E-05	5.03E-06
ethanol	di-n-propyl ether	3	15	323.15	4.37E-06	3.17E-06	2.44E-05	1.16E-04
ethanol	ethyl tert-amyl ether	3	65	362.82	1.60E-06	1.23E-06	1.59E-05	1.10E-05
ethanol	heptyl acetate	3	13	323.15	8.05E-04	8.56E-04	7.93E-04	7.22E-04
ethanol	heptyl acetate	3	13	333.15	7.15E-04	7.73E-04	6.98E-04	6.40E-04
ethanol	heptyl acetate	3	13	343.15	5.89E-04	6.33E-04	5.78E-04	5.36E-04
ethanol	heptyl acetate	3	13	353.15	4.37E-04	4.33E-04	4.44E-04	4.40E-04
ethanol	methyl butanoate	3	13	323.30	1.40E-04	1.53E-04	1.46E-04	1.46E-04
ethanol	methyl butanoate	3	13	343.30	5.28E-05	6.01E-05	5.60E-05	5.56E-05
ethanol	methyl butanoate	3	12	363.30	2.50E-05	2.71E-05	2.42E-05	2.29E-05
ethanol	methyl butanoate	3	11	383.30	7.94E-06	9.14E-06	8.24E-06	8.09E-06
ethanol	methyl propanoate	3	16	323.30	4.71E-05	4.60E-05	4.86E-05	4.86E-05
ethanol	methyl propanoate	3	15	343.30	1.71E-05	1.74E-05	1.70E-05	1.70E-05
ethanol	methyl propanoate	3	16	363.30	1.36E-05	1.34E-05	1.38E-05	8.15E-05
ethanol	N,N-dimethylformamide (DMF)	3	17	313.15	2.92E-06	3.07E-06	4.77E-05	3.21E-06

ethanol	N,N-dimethylformamide (DMF)	3	27	333.15	3.56E-06	3.68E-06	6.63E-06	3.62E-06
ethanol	nitromethane	3	15	298.18	9.53E-07	7.49E-06	9.83E-05	1.24E-06
ethanol	nitromethane	3	15	348.15	3.62E-07	3.63E-07	1.76E-05	8.32E-07
ethanol	nitromethane	3	15	398.17	1.97E-07	2.67E-06	7.71E-06	9.74E-06
ethanol	nitromethane	3	29	333.15	1.80E-06	2.58E-06	4.78E-05	3.93E-06
ethanol	N-methyl-2-pyrrolidone	3	22	333.15	4.65E-04	4.78E-04	4.61E-04	4.80E-04
ethanol	N-methylformamide	3	23	313.15	4.32E-05	4.31E-05	4.22E-05	3.82E-05
ethanol	N-methylformamide	3	20	303.15	7.97E-06	7.97E-06	7.76E-06	6.95E-06
ethanol	propyl acetate	3	13	323.15	3.00E-05	4.68E-05	6.00E-05	6.33E-05
ethanol	propyl acetate	3	13	333.15	5.24E-05	5.20E-05	5.45E-05	5.23E-05
ethanol	propyl acetate	3	13	343.15	3.84E-06	5.47E-06	3.15E-06	3.04E-06
ethanol	thiophene	3	16	308.15	7.71E-04	2.96E-04	1.11E-03	6.70E-04
ethanol	thiophene	3	16	313.15	5.25E-04	1.83E-04	7.79E-04	4.81E-04
ethanol	thiophene	3	16	318.15	2.39E-04	4.59E-05	3.69E-04	2.04E-04
ethanol	tribromomethane [R20B3]	3	12	303.15	2.57E-04	3.98E-04	2.50E-04	2.17E-04
ethanol	triethylamine	3	12	283.15	1.21E-04	1.72E-04	5.80E-05	1.20E-04
ethanol	triethylamine	3	12	293.20	2.29E-05	3.27E-05	2.76E-05	2.28E-05
ethanol	triethylamine	3	12	303.20	6.82E-05	3.77E-05	3.04E-05	2.68E-05
ethanol	triethylamine	3	12	308.15	6.13E-05	2.65E-05	4.05E-06	1.49E-05
ethanol	tripentylamine	3	13	298.15	7.41E-04	1.33E-03	4.29E-03	1.27E-03
ethanol	tripentylamine	3	13	318.15	3.44E-03	9.86E-04	3.35E-03	2.25E-03
ethanol	tripentylamine	3	13	338.15	1.12E-03	1.16E-03	2.29E-03	1.69E-03
ethanol	water	3	25	303.15	1.42E-04	1.49E-04	1.11E-04	6.67E-05
ethanol	water	3	26	323.15	3.25E-05	6.75E-05	1.78E-05	7.06E-06
ethanol	water	3	26	343.15	5.59E-06	3.69E-05	2.07E-06	1.70E-06
ethanol	water	3	26	363.15	1.24E-06	1.98E-05	3.05E-06	1.15E-06
ethanol	water	3	25	323.15	1.72E-05	6.20E-05	7.57E-06	2.64E-06
ethanol	water	3	17	323.15	4.31E-05	1.02E-04	2.49E-05	1.08E-05
ethanol	water	3	26	363.15	1.46E-06	1.76E-05	3.94E-06	1.15E-06
ethanol	water	3	24	323.15	2.50E-05	6.04E-05	1.26E-05	4.91E-06
ethanol	water	3	25	363.25	4.29E-07	7.42E-06	6.98E-06	7.68E-07
ethanol	water	3	31	381.35	1.06E-06	9.68E-06	1.03E-05	2.43E-06
ethanol	water	3	32	403.45	2.97E-07	2.74E-06	1.71E-05	7.96E-06
ethanol	water	3	34	423.65	2.34E-07	1.56E-06	1.91E-05	1.16E-05
ethanol	water	3	22	323.15	2.05E-05	5.80E-05	1.04E-05	3.44E-06
ethanol	water	3	38	303.15	1.07E-04	1.20E-04	7.08E-05	4.22E-05
ethanol	water	3	15	333.10	9.74E-06	3.69E-05	6.02E-06	5.66E-06

ethanol	water	3	25	313.15	4.83E-05	7.63E-05	3.14E-05	1.56E-05
ethanol	water	3	129	323.59	4.66E-05	9.08E-05	2.67E-05	1.18E-05
ethanol	water	3	62	343.15	7.05E-06	1.92E-05	1.15E-05	7.35E-06
ethanol	water	3	63	323.25	2.61E-05	5.77E-05	1.38E-05	5.82E-06
ethanol	water	3	59	298.28	1.83E-04	1.89E-04	1.48E-04	9.93E-05
ethanol	water	3	11	313.15	6.35E-05	1.02E-04	4.65E-05	2.84E-05
ethyl acetate	1,4-dioxane	3	17	293.15	2.50E-05	2.53E-05	2.53E-05	2.53E-05
ethyl acetate	2-ethoxyethanol	3	22	313.15	8.26E-06	6.58E-06	9.19E-06	7.50E-06
ethyl acetate	acetic acid	3	16	298.15	9.08E-05	7.21E-05	9.92E-05	8.01E-05
ethyl acetate	acetic acid	3	16	313.15	1.23E-05	1.10E-05	1.60E-05	1.17E-05
ethyl acetate	acetonitrile	3	15	313.15	3.25E-07	6.55E-07	9.13E-07	6.74E-07
ethyl acetate	acetonitrile	3	15	353.15	1.90E-07	5.42E-07	8.11E-07	5.62E-07
ethyl acetate	acetonitrile	3	15	393.15	1.09E-07	3.79E-07	6.12E-07	3.94E-07
ethyl acetate	benzene	3	11	273.15	3.40E-06	4.12E-06	3.40E-06	3.11E-06
ethyl acetate	benzene	3	11	283.15	4.65E-05	1.17E-04	1.62E-04	1.56E-04
ethyl acetate	benzene	3	11	293.15	1.17E-03	1.29E-03	1.17E-03	1.17E-03
ethyl acetate	benzene	3	11	303.15	1.24E-03	1.33E-03	1.24E-03	1.24E-03
ethyl acetate	benzene	3	11	313.15	1.23E-03	1.33E-03	1.23E-03	1.24E-03
ethyl acetate	benzene	3	11	323.15	1.03E-03	1.09E-03	1.03E-03	1.03E-03
ethyl acetate	benzene	3	11	333.15	6.94E-04	7.36E-04	6.94E-04	6.93E-04
ethyl acetate	butyl chloride	3	15	298.15	4.94E-07	4.86E-07	4.99E-07	4.95E-07
ethyl acetate	butyl chloride	3	15	348.16	2.58E-07	2.56E-07	2.61E-07	2.58E-07
ethyl acetate	dimethyl sulfoxide	3	11	298.15	1.32E-05	4.08E-05	1.12E-04	5.04E-05
ethyl acetate	dimethyl sulfoxide	3	11	308.15	9.31E-06	3.43E-05	8.86E-05	9.00E-05
ethyl acetate	dimethyl sulfoxide	3	11	318.15	1.02E-05	4.16E-05	9.68E-05	5.03E-05
ethyl acetate	ethanol	3	13	313.15	3.88E-05	5.87E-05	8.61E-05	8.13E-05
ethyl acetate	ethanol	3	13	323.15	2.89E-05	4.54E-05	5.74E-05	5.76E-05
ethyl acetate	ethanol	3	13	333.15	6.47E-05	5.98E-05	7.64E-05	7.49E-05
ethyl acetate	ethanol	3	13	343.15	6.20E-05	5.72E-05	7.00E-05	1.69E-04
ethyl acetate	methyl ethyl ketoxime	3	20	298.15	9.16E-04	1.04E-03	1.07E-03	1.06E-03
ethyl acetate	nitromethane	3	15	298.16	1.05E-06	1.31E-06	1.05E-06	8.15E-07
ethyl acetate	nitromethane	3	15	348.22	7.62E-07	7.06E-07	8.11E-07	1.41E-06
ethyl acetate	nitromethane	3	15	398.17	7.51E-07	7.28E-07	8.07E-07	1.18E-06
ethyl iodide	1-butanol	3	13	293.15	2.29E-04	2.28E-04	2.74E-04	2.20E-04
ethyl iodide	acetic acid	3	17	293.15	5.57E-05	5.68E-05	1.97E-04	2.03E-04
ethyl iodide	acetic acid	3	14	398.15	1.97E-05	8.64E-05	2.01E-04	1.00E-04
ethyl iodide	benzene	3	11	308.15	1.18E-05	1.18E-05	1.18E-05	1.09E-05

ethyl tert-butyl ether (ETBE)	ethanol	3	58	297.95	2.25E-07	4.47E-07	2.24E-05	5.61E-04
ethyl tert-butyl ether (ETBE)	ethanol	3	58	323.15	2.16E-06	2.21E-06	1.32E-05	9.96E-06
ethyl tert-butyl ether (ETBE)	ethanol	3	58	338.15	1.07E-06	1.24E-06	7.69E-06	5.01E-06
ethyl tert-butyl ether (ETBE)	ethanol	3	54	363.15	4.92E-07	1.76E-06	5.53E-07	5.34E-07
ethyl tert-butyl ether (ETBE)	tert-butanol	3	20	323.15	7.48E-07	3.17E-06	1.13E-05	9.87E-06
ethyl tert-butyl ether (ETBE)	tert-butanol	3	19	423.15	2.88E-06	3.18E-06	2.98E-06	3.01E-06
ethylamine	N,N-diethylamine	3	10	283.15	1.37E-05	6.84E-05	9.54E-05	8.00E-05
ethylamine	N,N-diethylamine	3	10	293.15	3.57E-06	3.45E-05	5.41E-05	4.24E-05
ethylbenzene	decane	3	19	313.15	1.35E-05	1.37E-05	1.36E-05	1.35E-05
formic acid	1-butanol	3	11	298.15	1.89E-04	1.85E-04	1.90E-04	1.71E-03
formic acid	1-butanol	3	11	308.15	2.99E-04	4.18E-04	2.59E-04	7.32E-04
formic acid	1-butanol	3	11	318.15	9.56E-05	1.10E-04	7.31E-05	6.16E-04
formic acid	1-hexanol	3	11	298.15	6.27E-03	7.07E-03	5.87E-03	1.87E-02
formic acid	1-hexanol	3	11	308.15	9.84E-03	1.02E-02	9.32E-03	1.23E-02
formic acid	1-hexanol	3	11	318.15	3.67E-03	4.71E-03	4.53E-03	5.46E-03
formic acid	1-octanol	3	11	293.15	3.75E-03	4.57E-03	3.35E-03	2.55E-02
formic acid	1-octanol	3	11	298.15	6.18E-03	7.09E-03	5.70E-03	1.43E-02
formic acid	1-octanol	3	11	303.15	6.95E-04	9.51E-04	6.39E-04	2.57E-03
formic acid	1-octanol	3	11	308.15	1.44E-03	2.20E-03	1.24E-03	2.53E-02
formic acid	1-octanol	3	11	318.15	8.33E-04	8.32E-04	8.54E-04	2.16E-03
formic acid ethyl ester	benzene	3	11	293.15	3.20E-06	4.35E-06	4.53E-06	4.18E-06
formic acid ethyl ester	benzene	3	11	303.15	9.26E-07	9.34E-07	9.26E-07	9.25E-07
formic acid ethyl ester	benzene	3	11	313.15	1.54E-06	1.54E-06	1.54E-06	1.54E-06
formic acid ethyl ester	benzene	3	11	323.15	2.06E-06	2.09E-06	2.06E-06	2.05E-06
furan	tetrachloromethane	3	24	303.15	7.04E-07	7.19E-07	7.31E-07	7.24E-07
heptane	ethylbenzene	3	12	373.15	2.64E-08	2.51E-08	2.68E-08	2.01E-08
heptane	ethylbenzene	3	15	313.15	1.05E-05	1.04E-05	1.06E-05	1.07E-05
heptane	p-xylene	3	14	313.15	2.38E-06	2.41E-06	2.40E-06	2.39E-06
heptane	toluene	3	12	313.15	1.28E-05	1.28E-05	1.28E-05	1.28E-05
heptane	toluene	3	11	298.15	1.17E-04	1.16E-04	1.17E-04	1.18E-04
heptane	toluene	3	11	303.15	1.92E-05	1.93E-05	1.92E-05	1.92E-05
heptane	toluene	3	11	313.15	8.09E-06	8.29E-06	8.25E-06	8.20E-06
heptane	toluene	3	17	313.15	1.06E-06	9.64E-07	1.07E-06	1.10E-06
hexafluorobenzene	1,4-dioxane	3	18	303.15	1.23E-04	1.64E-05	1.24E-05	8.97E-06
hexafluorobenzene	1-butanol	3	11	288.15	3.32E-05	1.98E-04	1.48E-04	3.59E-05
hexafluorobenzene	1-butanol	3	11	298.15	4.04E-05	6.40E-05	3.17E-04	4.72E-05
hexafluorobenzene	1-butanol	3	11	308.15	3.30E-04	4.08E-05	3.36E-04	5.68E-05

hexafluorobenzene	1-butanol	3	11	318.15	3.79E-04	4.44E-05	3.85E-04	7.13E-05
hexafluorobenzene	1-propanol	3	10	288.15	9.94E-05	8.78E-05	1.07E-04	1.20E-04
hexafluorobenzene	1-propanol	3	10	298.15	1.25E-04	8.35E-05	1.39E-04	4.24E-05
hexafluorobenzene	1-propanol	3	10	308.15	1.41E-04	1.76E-05	1.52E-04	8.73E-06
hexafluorobenzene	oxepane	3	18	303.15	3.88E-05	5.03E-05	5.16E-05	5.21E-05
hexane	1,2,4-trichlorobenzene	3	19	283.15	4.84E-04	6.15E-04	4.84E-04	4.94E-04
hexane	1,2,4-trichlorobenzene	3	19	303.15	3.66E-04	3.71E-04	3.67E-04	5.79E-04
hexane	1,2,4-trichlorobenzene	3	19	293.15	2.16E-04	2.37E-04	2.16E-04	2.16E-04
hexane	aniline	3	13	328.15	1.13E-03	1.08E-02	n/a	n/a
hexane	aniline	3	13	333.15	1.10E-03	8.84E-03	n/a	n/a
hexane	aniline	3	13	335.15	1.25E-03	9.65E-03	n/a	n/a
hexane	aniline	3	13	338.15	1.32E-03	8.78E-03	n/a	n/a
hexane	aniline	3	13	338.65	1.38E-03	8.55E-03	n/a	n/a
hexane	aniline	3	13	339.15	1.41E-03	8.73E-03	n/a	n/a
hexane	aniline	3	13	339.65	1.57E-03	8.37E-03	n/a	n/a
hexane	aniline	3	13	340.15	1.47E-03	7.92E-03	n/a	n/a
hexane	aniline	3	13	340.65	1.61E-03	8.14E-03	n/a	n/a
hexane	bis(2-chloroethyl) ether	3	26	284.73	7.52E-04	4.27E-03	n/a	n/a
hexane	bis(2-chloroethyl) ether	3	26	303.15	1.87E-04	5.09E-04	n/a	n/a
hexane	diacetone alcohol	3	15	318.15	1.56E-04	2.81E-04	n/a	2.10E-05
hexane	ethylbenzene	3	11	313.15	4.80E-05	4.80E-05	4.85E-05	4.83E-05
hexane	nitrobenzene	3	17	298.15	1.71E-04	1.45E-03	n/a	n/a
hexane	p-xylene	3	16	313.15	9.00E-06	8.99E-06	9.00E-06	8.99E-06
hexane	toluene	3	10	313.15	7.29E-07	4.06E-06	3.69E-06	3.61E-06
isobutylene	ethanol	3	21	363.63	1.85E-05	2.66E-04	n/a	1.54E-04
isobutylene	N,N-dimethylformamide (DMF)	3	16	273.20	1.94E-04	1.01E-03	n/a	n/a
isoprene	benzene	3	11	278.15	4.97E-05	1.85E-04	1.83E-04	1.85E-04
isoprene	benzene	3	11	283.15	9.97E-05	1.01E-04	9.98E-05	1.02E-04
isoprene	benzene	3	11	288.15	5.65E-05	5.67E-05	5.65E-05	5.70E-05
isoprene	benzene	3	11	293.15	2.55E-05	2.76E-05	2.56E-05	2.82E-05
isoprene	benzene	3	11	298.15	2.08E-05	2.28E-05	2.09E-05	2.35E-05
isoprene	dimethyl sulfoxide	3	17	323.15	3.46E-04	5.56E-04	n/a	n/a
isoprene	furfural	3	26	313.00	1.37E-04	1.43E-04	1.60E-04	1.62E-04
isoprene	methyl isopropyl ketone	3	13	333.15	1.22E-05	9.46E-06	9.88E-06	1.16E-05
isoprene	N,N-dimethylformamide (DMF)	3	11	313.15	8.84E-05	1.37E-04	1.68E-04	1.52E-04
isoprene	N,N-dimethylformamide (DMF)	3	11	323.15	1.03E-04	8.56E-05	1.36E-04	1.38E-04
isopropyl tert-butyl ether	2-propanol	3	52	363.47	7.92E-07	n/a	7.16E-06	4.55E-06

methanethiol	acetone	3	22	313.15	8.37E-06	8.40E-06	8.37E-06	8.30E-06
methanethiol	methyl formate	3	22	313.15	5.73E-07	5.24E-07	6.84E-07	6.72E-07
methanethiol	propanal	3	22	313.15	2.56E-02	3.45E-02	2.56E-02	4.18E-02
methanol	1,4-dioxane	3	16	293.15	1.35E-04	1.33E-04	1.35E-04	1.38E-04
methanol	1,4-dioxane	3	12	303.15	8.85E-05	1.25E-04	8.62E-05	5.55E-05
methanol	1,4-dioxane	3	24	333.15	4.80E-06	5.02E-06	4.86E-06	5.04E-06
methanol	1-decanol	3	12	293.15	2.16E-05	1.68E-05	5.65E-05	1.30E-04
methanol	1-decanol	3	12	298.15	2.13E-05	1.73E-05	5.74E-05	1.32E-04
methanol	1-decanol	3	12	303.15	2.20E-05	1.88E-05	5.93E-05	1.36E-04
methanol	1-decanol	3	12	308.15	2.21E-05	1.97E-05	5.93E-05	2.36E-04
methanol	1-decanol	3	12	313.15	2.25E-05	2.08E-05	5.92E-05	1.34E-04
methanol	1-decanol	3	12	323.15	2.29E-05	2.21E-05	5.70E-05	1.27E-04
methanol	1-pentanol	3	12	313.15	1.36E-05	1.39E-05	1.51E-05	2.11E-05
methanol	1-pentanol	3	22	313.15	9.66E-07	1.17E-06	1.05E-06	1.80E-06
methanol	1-propanol	3	11	273.15	7.31E-04	1.86E-03	1.90E-03	1.63E-03
methanol	1-propanol	3	11	303.15	1.03E-05	1.01E-05	1.03E-05	1.30E-05
methanol	1-propanol	3	11	313.15	5.97E-05	5.96E-05	5.98E-05	5.90E-05
methanol	1-propanol	3	11	323.15	4.26E-05	4.31E-05	4.27E-05	3.46E-05
methanol	1-tetradecanol	3	24	333.15	8.94E-04	1.49E-03	1.67E-03	1.84E-03
methanol	1-tetradecanol	3	23	343.15	1.37E-03	1.56E-03	1.68E-03	1.95E-03
methanol	1-tetradecanol	3	20	353.05	2.12E-03	2.12E-03	2.25E-03	2.53E-03
methanol	1-tetradecanol	3	19	363.05	2.02E-03	2.00E-03	2.07E-03	2.29E-03
methanol	2,6-dimethylpyridine	3	12	298.15	9.09E-05	9.33E-05	1.61E-04	1.88E-04
methanol	2,6-dimethylpyridine	3	12	318.15	1.32E-04	8.74E-05	1.32E-04	1.65E-04
methanol	2-butanone	3	12	288.15	2.88E-06	2.99E-06	4.14E-06	3.17E-06
methanol	2-butanone	3	12	298.15	1.22E-06	3.26E-06	5.27E-06	5.24E-06
methanol	2-butanone	3	12	303.15	8.18E-07	2.32E-06	3.89E-06	2.63E-06
methanol	2-butanone	3	12	308.15	7.72E-07	2.19E-06	3.65E-06	3.62E-06
methanol	2-butanone	3	12	313.15	3.06E-07	2.27E-06	3.80E-06	5.28E-05
methanol	2-butanone	3	12	323.15	1.77E-06	1.78E-06	2.27E-06	1.85E-06
methanol	2-heptanone	3	18	298.15	2.25E-07	2.03E-06	2.78E-05	4.64E-07
methanol	2-heptanone	3	15	323.15	2.02E-06	3.02E-06	2.72E-05	1.71E-06
methanol	2-methylpyridine	3	12	298.15	1.17E-04	1.18E-04	1.17E-04	1.15E-04
methanol	2-methylpyridine	3	12	308.15	1.22E-04	1.19E-04	1.22E-04	1.25E-04
methanol	2-methylpyridine	3	12	318.15	1.10E-04	1.11E-04	1.10E-04	1.19E-04
methanol	2-methylpyridine	3	19	313.15	7.61E-05	7.22E-05	7.61E-05	7.69E-05
methanol	3-heptanone	3	18	298.15	5.70E-06	2.85E-05	1.37E-04	1.25E-04

methanol	3-heptanone	3	18	323.15	1.47E-06	4.24E-06	4.34E-05	2.24E-03
methanol	3-methylpyridine	3	12	303.15	4.03E-04	1.81E-04	5.97E-04	2.07E-04
methanol	3-methylpyridine	3	15	313.15	2.27E-05	2.19E-05	2.27E-05	5.27E-05
methanol	4-heptanone	3	16	298.15	7.83E-07	6.79E-06	7.83E-07	6.74E-07
methanol	4-heptanone	3	16	323.15	5.15E-08	3.10E-06	1.33E-07	4.46E-08
methanol	4-methylpyridine	3	16	313.15	3.82E-05	3.38E-05	3.82E-05	3.84E-05
methanol	acetic acid	3	11	308.15	1.39E-04	1.39E-04	1.39E-04	2.55E-04
methanol	acetic acid	3	19	298.15	2.00E-04	2.34E-04	2.00E-04	2.97E-04
methanol	acetic acid	3	15	323.15	7.03E-05	9.26E-05	7.03E-05	3.33E-04
methanol	aniline	3	15	293.15	5.09E-05	7.40E-05	7.06E-05	7.87E-05
methanol	aniline	3	15	338.15	6.58E-06	2.18E-05	2.00E-05	3.76E-05
methanol	aniline	3	15	385.15	1.17E-05	1.48E-05	1.39E-05	2.06E-05
methanol	butanenitrile	3	13	278.15	1.16E-05	4.99E-05	1.02E-04	1.31E-04
methanol	butanenitrile	3	13	288.15	1.71E-06	1.16E-05	3.92E-05	1.65E-05
methanol	butanenitrile	3	13	298.15	5.47E-06	1.31E-05	3.11E-05	1.61E-05
methanol	butanenitrile	3	13	308.15	1.12E-06	1.28E-05	3.10E-05	3.88E-05
methanol	butanenitrile	3	13	318.15	5.82E-07	1.33E-05	2.84E-05	3.83E-04
methanol	chlorobenzene	3	15	293.15	2.36E-04	9.76E-05	n/a	2.55E-04
methanol	chlorobenzene	3	15	338.15	2.35E-05	1.96E-05	3.87E-04	2.68E-05
methanol	chlorobenzene	3	15	385.15	1.22E-05	1.56E-05	5.19E-05	1.64E-04
methanol	diethylene glycol dimethyl ether	3	25	308.15	3.04E-05	3.19E-05	4.09E-05	3.16E-05
methanol	di-n-propyl ether	3	15	278.15	3.75E-06	1.38E-05	1.10E-04	9.84E-06
methanol	di-n-propyl ether	3	15	288.15	2.96E-06	1.22E-05	9.91E-05	1.03E-05
methanol	di-n-propyl ether	3	15	293.15	1.69E-05	1.65E-05	1.12E-04	1.48E-05
methanol	di-n-propyl ether	3	15	298.15	1.45E-05	1.33E-05	9.95E-05	1.20E-04
methanol	di-n-propyl ether	3	15	303.15	1.39E-05	1.84E-05	1.09E-04	1.78E-05
methanol	di-n-propyl ether	3	15	308.15	1.44E-05	1.24E-05	8.95E-05	1.25E-04
methanol	di-n-propyl ether	3	15	313.15	1.04E-05	2.37E-05	1.15E-04	1.54E-04
methanol	di-n-propyl ether	3	15	323.15	6.51E-06	1.18E-05	8.04E-05	1.05E-04
methanol	ethyl iodide	3	18	293.15	5.22E-05	4.92E-05	n/a	7.78E-05
methanol	ethyl iodide	3	17	383.15	1.79E-04	2.09E-04	1.87E-04	2.08E-04
methanol	methyl butanoate	3	14	323.30	7.61E-05	1.79E-04	2.36E-04	1.95E-04
methanol	methyl butanoate	3	14	343.40	1.16E-05	4.12E-05	6.32E-05	6.63E-05
methanol	methyl butanoate	3	13	363.30	4.40E-06	7.22E-06	1.34E-05	1.06E-05
methanol	methyl propanoate	3	20	323.30	5.45E-05	6.66E-05	7.40E-05	7.92E-05
methanol	methyl propanoate	3	20	343.40	1.41E-05	1.81E-05	2.12E-05	2.21E-05
methanol	methyl propanoate	3	18	363.30	9.70E-06	9.89E-06	1.07E-05	1.11E-05

methanol	methyl tert-amyl ether (TAME)	3	29	363.31	8.18E-06	1.05E-05	2.83E-05	1.32E-05
methanol	methyl tert-amyl ether (TAME)	3	25	288.15	1.58E-05	1.99E-05	5.17E-05	2.23E-05
methanol	methyl tert-amyl ether (TAME)	3	25	308.15	1.54E-06	1.65E-06	1.56E-05	2.12E-06
methanol	methyl tert-amyl ether (TAME)	3	21	328.15	1.52E-05	3.11E-05	7.61E-05	4.99E-04
methanol	methyl tert-amyl ether (TAME)	3	25	298.15	2.23E-05	2.11E-05	3.59E-05	3.56E-05
methanol	methyl tert-amyl ether (TAME)	3	24	318.15	5.54E-06	6.69E-06	3.54E-05	3.34E-05
methanol	methyl tert-amyl ether (TAME)	3	26	313.15	3.76E-06	5.69E-06	3.42E-05	7.78E-06
methanol	N,N,N',N'-tetramethyldiaminomethane	3	12	353.15	9.82E-05	9.86E-05	9.85E-05	1.01E-04
methanol	N,N,N',N'-tetramethyldiaminomethane	3	12	363.15	3.60E-05	3.39E-05	3.80E-05	4.13E-05
methanol	N,N,N',N'-tetramethyldiaminomethane	3	18	373.15	2.22E-05	2.05E-05	2.54E-05	3.01E-05
methanol	nitrobenzene	3	18	323.45	1.23E-05	1.84E-05	3.19E-04	1.02E-05
methanol	nitrobenzene	3	18	423.15	9.25E-05	9.58E-05	9.59E-05	9.80E-05
methanol	N-methylacetamide	3	38	398.55	1.62E-05	1.64E-05	1.62E-05	4.87E-04
methanol	N-methylacetamide	3	19	313.15	1.90E-05	1.93E-05	1.99E-05	1.75E-05
methanol	piperidine	3	13	298.15	3.53E-04	4.08E-04	3.53E-04	5.86E-04
methanol	piperidine	3	13	308.15	3.45E-04	3.88E-04	3.45E-04	3.38E-04
methanol	piperidine	3	13	318.15	2.46E-04	2.70E-04	2.46E-04	5.40E-04
methanol	p-xylene	3	42	313.15	7.60E-05	8.73E-05	n/a	9.18E-05
methanol	tert-butanol	3	15	313.15	1.03E-06	5.68E-06	1.71E-04	2.18E-05
methanol	tetrahydrofuran	3	21	298.15	3.86E-06	5.05E-06	3.86E-06	3.90E-06
methanol	toluene	3	42	313.15	8.55E-04	2.88E-04	4.51E-04	1.52E-04
methanol	tribromomethane [R20B3]	3	12	303.15	7.13E-04	8.37E-04	1.61E-03	9.69E-04
methanol	triethylamine	3	13	293.20	2.95E-05	2.39E-04	2.95E-05	1.44E-04
methanol	triethylamine	3	13	303.20	3.88E-05	1.26E-04	3.88E-05	9.23E-05
methanol	triethylamine	3	11	313.15	3.71E-05	5.20E-05	4.11E-05	4.78E-05
methanol	triethylamine	3	15	313.10	3.78E-05	3.25E-05	4.66E-05	1.80E-05
methanol	triethylamine	3	17	333.05	1.97E-05	4.95E-06	3.50E-05	2.77E-06
methyl acetate	1-butanol	3	58	323.16	1.02E-05	1.19E-05	1.02E-05	1.02E-05
methyl acetate	2-ethoxyethanol	3	21	313.15	5.67E-06	4.41E-06	6.21E-06	5.68E-06
methyl acetate	acetonitrile	3	16	323.15	2.69E-07	4.06E-07	5.71E-07	4.22E-07
methyl acetate	benzene	3	11	273.15	5.57E-04	5.53E-04	5.57E-04	5.05E-04
methyl acetate	benzene	3	11	283.15	3.27E-05	3.31E-05	3.29E-05	3.55E-05
methyl acetate	benzene	3	11	293.15	4.33E-05	4.71E-05	4.33E-05	3.63E-05
methyl acetate	benzene	3	11	303.15	1.29E-05	1.29E-05	1.29E-05	1.28E-05
methyl acetate	benzene	3	11	313.15	1.50E-05	1.52E-05	1.50E-05	1.43E-05
methyl acetate	benzene	3	11	323.15	5.00E-06	5.06E-06	5.01E-06	5.15E-06
methyl acetate	benzene	3	11	333.15	3.60E-06	3.23E-06	3.60E-06	2.74E-06

methyl acetate	benzene	3	11	353.15	4.87E-06	8.51E-06	7.22E-06	1.14E-05
methyl acetate	benzene	3	11	363.15	1.11E-04	4.39E-06	3.20E-06	7.37E-06
methyl acetate	ethanol	3	13	313.15	4.07E-05	3.95E-05	4.28E-05	4.02E-05
methyl acetate	ethanol	3	12	323.15	2.63E-05	1.99E-05	2.75E-05	2.19E-05
methyl formate	2-ethoxyethanol	3	24	308.15	1.38E-05	1.02E-05	1.68E-05	1.77E-05
methyl formate	water	3	30	298.15	2.17E-03	6.31E-03	n/a	n/a
methyl iodide	acetic anhydride	3	18	313.15	5.93E-05	5.15E-05	8.01E-05	9.35E-05
methyl iodide	acetic anhydride	3	18	413.15	3.13E-05	3.57E-05	3.36E-05	3.04E-05
methyl tert-amyl ether (TAME)	1-propanol	3	26	313.15	2.10E-06	3.63E-07	3.79E-06	1.77E-06
methyl tert-amyl ether (TAME)	tert-pentanol	3	28	313.15	1.91E-07	1.30E-06	4.46E-07	4.29E-07
methyl tert-butyl ether (MTBE)	1-hexanol	3	20	298.15	1.83E-04	1.87E-04	1.74E-04	1.57E-04
methyl tert-butyl ether (MTBE)	1-hexanol	3	18	318.15	2.87E-05	2.72E-05	2.13E-05	8.52E-06
methyl tert-butyl ether (MTBE)	1-hexanol	3	18	338.15	2.41E-04	2.30E-04	2.18E-04	1.86E-04
methyl tert-butyl ether (MTBE)	1-hexyne	3	10	253.15	1.01E-05	1.01E-05	1.01E-05	1.01E-05
methyl tert-butyl ether (MTBE)	1-hexyne	3	10	263.15	4.41E-06	4.41E-06	4.44E-06	4.42E-06
methyl tert-butyl ether (MTBE)	2-methyl-1-propanol	3	13	323.15	1.54E-05	5.65E-05	4.29E-05	3.98E-05
methyl tert-butyl ether (MTBE)	methanol	3	40	363.54	6.82E-06	1.31E-05	6.82E-06	6.82E-06
methyl tert-butyl ether (MTBE)	methanol	3	28	298.15	4.76E-06	5.95E-06	2.19E-05	1.61E-05
methyl tert-butyl ether (MTBE)	methanol	3	29	303.15	1.23E-06	5.99E-07	1.31E-05	6.33E-06
methyl tert-butyl ether (MTBE)	methanol	3	30	308.15	3.55E-06	7.44E-06	4.88E-06	3.67E-06
methyl tert-butyl ether (MTBE)	methanol	3	31	318.15	3.05E-04	3.42E-06	1.12E-05	2.69E-04
methyl tert-butyl ether (MTBE)	methanol	3	25	328.15	1.54E-06	4.14E-06	1.92E-06	1.71E-06
methyl tert-butyl ether (MTBE)	methanol	3	25	338.15	9.66E-07	4.25E-06	1.17E-06	1.07E-06
methyl tert-butyl ether (MTBE)	methanol	3	25	313.15	2.24E-07	6.00E-07	1.02E-05	9.91E-07
methylamine	trimethylamine	3	27	223.15	5.22E-05	7.48E-05	7.87E-05	7.56E-05
methylamine	trimethylamine	3	27	233.15	1.45E-05	2.16E-05	2.40E-05	2.21E-05
methylamine	trimethylamine	3	27	253.15	1.52E-06	2.99E-06	3.71E-06	3.64E-06
methylamine	trimethylamine	3	27	273.15	3.11E-06	3.11E-06	3.12E-06	3.13E-06
methylamine	trimethylamine	3	27	293.15	1.55E-06	1.56E-06	1.63E-06	1.61E-06
methylcyclohexane	ethylbenzene	3	12	333.15	6.03E-05	6.27E-05	6.01E-05	5.70E-05
methylcyclohexane	ethylbenzene	3	12	353.15	4.56E-05	5.04E-05	4.54E-05	5.64E-05
methylcyclohexane	ethylbenzene	3	19	313.15	1.50E-05	1.48E-05	1.51E-05	1.49E-05
methylcyclohexane	ethylbenzene	3	14	303.15	5.82E-06	5.63E-06	5.86E-06	5.69E-06
methylcyclohexane	ethylbenzene	3	14	323.15	1.37E-05	1.37E-05	1.37E-05	1.37E-05
methylcyclohexane	o-xylene	3	17	313.15	7.65E-06	7.54E-06	7.72E-06	7.73E-06
methylcyclohexane	propylbenzene	3	20	313.15	5.10E-06	5.04E-06	5.12E-06	5.09E-06
methylcyclohexane	p-xylene	3	20	313.15	8.55E-06	8.44E-06	8.59E-06	8.60E-06

methylcyclohexane	toluene	3	20	313.15	5.30E-07	5.08E-07	5.33E-07	5.22E-07
methylcyclohexane	toluene	3	18	303.15	1.22E-04	1.23E-04	1.23E-04	1.25E-04
methylcyclohexane	toluene	3	18	323.15	1.31E-06	1.34E-06	1.31E-06	1.31E-06
N,N,N',N'-tetramethyldiaminomethane	water	3	10	373.15	8.81E-04	2.73E-03	n/a	n/a
N,N-diethylamine	acetone	3	15	298.03	4.72E-07	1.80E-06	2.48E-06	2.39E-06
N,N-diethylamine	acetone	3	15	347.97	2.45E-07	4.53E-07	6.50E-07	6.10E-07
N,N-diethylamine	acetone	3	15	398.10	9.56E-07	1.02E-06	9.33E-07	9.52E-07
N,N-diethylamine	acetonitrile	3	15	298.00	4.83E-06	9.74E-06	3.38E-05	3.73E-05
N,N-diethylamine	acetonitrile	3	15	347.93	1.96E-06	1.26E-05	3.15E-05	3.11E-05
N,N-diethylamine	acetonitrile	3	15	398.33	8.89E-07	5.53E-06	1.61E-05	7.24E-06
N,N-diethylamine	ethyl acetate	3	15	297.98	1.02E-06	1.06E-06	1.11E-06	1.08E-06
N,N-diethylamine	ethyl acetate	3	15	348.09	1.10E-07	1.13E-07	1.16E-07	1.17E-07
N,N-diethylamine	methanol	3	15	297.97	3.42E-04	3.51E-04	3.42E-04	3.16E-03
N,N-diethylamine	methanol	3	15	348.09	3.22E-04	3.51E-04	3.22E-04	9.41E-04
N,N-dimethylformamide (DMF)	1,2-dimethyl naphthalene	3	13	417.15	1.15E-04	8.72E-04	8.25E-04	9.14E-04
N,N-dimethylformamide (DMF)	1,2-dimethyl naphthalene	3	13	438.05	1.26E-04	7.52E-04	6.83E-04	7.71E-04
N,N-dimethylformamide (DMF)	1-dodecanol	3	10	353.15	2.18E-04	4.47E-04	2.22E-04	3.78E-05
N,N-dimethylformamide (DMF)	1-methylnaphthalene	3	14	383.15	2.99E-04	7.40E-04	6.80E-04	7.64E-04
N,N-dimethylformamide (DMF)	1-methylnaphthalene	3	14	419.35	6.60E-04	7.70E-04	6.89E-04	8.49E-04
N,N-dimethylformamide (DMF)	1-methylnaphthalene	3	14	437.95	2.32E-05	1.02E-04	6.38E-05	1.06E-04
N,N-dimethylformamide (DMF)	2-methylnaphthalene	3	14	313.20	1.83E-03	1.81E-03	1.83E-03	2.04E-03
N,N-dimethylformamide (DMF)	aniline	3	11	373.15	4.76E-05	5.80E-05	4.67E-05	2.00E-04
N,N-dimethylformamide (DMF)	aniline	3	11	378.20	4.44E-04	4.29E-04	3.96E-04	1.10E-03
N,N-dimethylformamide (DMF)	N-methylaniline	3	11	378.20	1.45E-04	1.55E-04	1.45E-04	1.46E-04
N-butane	phenol	3	21	373.15	1.37E-04	1.47E-03	1.37E-04	n/a
N-deuteromethylamine	trimethylamine	3	23	223.15	1.70E-05	3.62E-05	4.30E-05	3.83E-05
N-deuteromethylamine	trimethylamine	3	23	233.15	1.15E-05	1.54E-05	1.81E-05	1.60E-05
N-deuteromethylamine	trimethylamine	3	23	253.15	4.68E-06	6.75E-06	7.83E-06	7.62E-06
N-deuteromethylamine	trimethylamine	3	23	273.15	4.73E-06	5.00E-06	5.29E-06	5.08E-06
N-deuteromethylamine	trimethylamine	3	23	293.15	3.36E-06	5.29E-06	5.71E-06	5.50E-06
nitromethane	chlorobenzene	3	15	298.15	2.57E-06	4.17E-06	3.70E-05	6.22E-06
nitromethane	chlorobenzene	3	15	348.17	2.98E-06	9.21E-06	2.41E-05	4.81E-04
nitromethane	chlorobenzene	3	15	398.26	1.36E-07	8.45E-06	1.42E-05	1.05E-05
N-methyl propanamide	.epsilon.-caprolactam	3	11	383.15	4.09E-04	3.95E-04	5.05E-04	4.78E-04
N-methyl propanamide	.epsilon.-caprolactam	3	11	393.15	6.68E-04	6.68E-04	6.68E-04	7.67E-04
N-methylacetamide	naphthalene	3	33	413.51	3.92E-05	4.07E-05	5.12E-05	4.61E-05
nonane	tetraethoxysilane	3	11	410.00	2.89E-06	2.88E-06	3.03E-06	2.91E-06

octane	ethylbenzene	3	12	373.15	2.30E-08	2.82E-08	2.29E-08	1.28E-08
octane	ethylbenzene	3	13	313.15	1.57E-06	2.22E-06	2.21E-06	2.19E-06
octane	p-xylene	3	15	313.15	1.78E-06	1.76E-06	1.78E-06	1.82E-06
oxetane	hexafluorobenzene	3	14	303.15	4.20E-06	2.41E-06	4.20E-06	5.75E-06
o-xylene	N,N-dimethylformamide (DMF)	3	11	333.15	4.48E-05	5.36E-05	6.15E-05	6.94E-05
o-xylene	o-chlorotoluene	3	21	308.15	8.73E-03	8.51E-03	8.73E-03	8.64E-03
phenol	2-methylphenol	3	17	384.00	3.45E-04	3.45E-04	3.44E-04	3.35E-04
phenol	p-cumylphenol	3	10	443.35	1.05E-03	n/a	3.01E-04	1.64E-03
phenol	p-cumylphenol	3	13	460.95	8.48E-04	n/a	5.25E-04	1.06E-03
phenol	p-cumylphenol	3	11	472.35	1.50E-03	n/a	4.24E-04	1.90E-03
phenol	trans-decahydronaphthalene	3	13	428.15	2.05E-04	3.12E-04	2.22E-04	2.24E-04
phenol	trans-decahydronaphthalene	3	13	443.15	6.62E-05	1.87E-04	1.07E-04	1.09E-04
propanal	ethanol	3	27	298.15	1.57E-04	1.62E-04	1.56E-04	8.81E-04
propanal	ethanol	3	26	308.15	8.72E-05	8.81E-05	8.75E-05	2.16E-04
propanal	methanol	3	25	288.15	1.93E-03	2.34E-03	1.93E-03	3.92E-03
propanal	methanol	3	28	298.15	5.48E-04	6.39E-04	5.48E-04	1.88E-03
propanal	methanol	3	22	308.15	1.87E-04	1.97E-04	1.87E-04	1.29E-03
propanal	methanol	3	24	318.15	9.10E-05	9.18E-05	9.10E-05	9.60E-05
propanal	tert-pentanol	3	43	333.15	1.19E-06	1.21E-06	1.51E-06	1.24E-06
propanoic acid ethyl ester	2-ethoxyethanol	3	24	313.15	8.18E-06	7.99E-06	1.01E-05	1.02E-05
propyl acetate	1-butanol	3	62	323.17	4.07E-06	3.76E-06	4.32E-06	4.20E-06
propyl acetate	2-ethoxyethanol	3	23	313.15	5.32E-06	6.27E-06	5.19E-06	5.18E-06
p-xylene	decane	3	24	313.15	2.98E-05	2.98E-05	3.00E-05	2.99E-05
p-xylene	N-methyl-2-pyrrolidone	3	16	373.15	8.16E-05	1.65E-04	1.84E-04	1.18E-03
p-xylene	N-methyl-2-pyrrolidone	3	16	473.15	1.29E-05	1.29E-05	1.32E-05	1.35E-05
pyridine	acetic acid	3	12	293.15	4.96E-03	3.61E-03	1.27E-03	1.70E-01
pyridine	acetic acid	3	12	313.15	1.76E-03	2.65E-03	1.76E-03	1.66E-03
pyridine	butyric acid	3	10	313.15	9.10E-03	1.04E-02	9.10E-03	9.22E-03
pyridine	butyric acid	3	10	333.15	8.10E-03	8.67E-03	8.10E-03	8.63E-03
pyridine	methyl ethyl ketoxime	3	20	298.15	6.94E-04	7.07E-04	7.01E-04	6.76E-04
pyridine	N-methylacetamide	3	38	398.55	1.66E-06	3.43E-06	1.67E-06	6.47E-06
pyridine	propionic acid	3	12	313.15	6.91E-03	1.08E-02	6.91E-03	2.85E-02
pyridine	propionic acid	3	12	333.15	1.96E-03	3.20E-03	1.96E-03	1.33E-02
pyridine	tribromomethane [R20B3]	3	10	303.15	2.27E-05	8.97E-05	2.65E-05	1.76E-04
pyridine	tribromomethane [R20B3]	3	10	313.15	8.38E-05	9.16E-05	1.00E-04	3.27E-04
styrene	N,N-dimethylformamide (DMF)	3	11	333.15	6.49E-05	7.06E-05	7.24E-05	7.82E-05
styrene	phenol	3	16	333.15	7.77E-06	3.55E-06	1.60E-05	6.14E-06

styrene	phenol	3	14	373.15	1.63E-05	1.01E-05	7.27E-06	7.14E-06
tert-butanol	2,6-dimethylpyridine	3	14	313.15	7.00E-06	7.32E-06	4.27E-05	7.22E-06
tert-butanol	3-methylpyridine	3	14	313.15	2.13E-05	1.44E-04	5.97E-05	3.46E-04
tert-butanol	butanenitrile	3	13	298.15	2.80E-05	3.26E-05	4.38E-05	4.44E-05
tert-butanol	butanenitrile	3	13	303.15	3.17E-05	3.02E-05	3.44E-05	3.44E-05
tert-butanol	butanenitrile	3	13	308.15	8.27E-06	2.03E-05	3.13E-05	3.09E-05
tert-butanol	butanenitrile	3	13	313.15	1.51E-05	3.72E-05	4.97E-05	5.05E-05
tert-butanol	butanenitrile	3	13	318.15	3.39E-05	1.07E-05	1.10E-05	1.07E-05
tert-butanol	butanenitrile	3	13	323.15	1.49E-05	5.64E-06	4.15E-06	4.08E-06
tert-butanol	butyl bromide	3	13	298.15	3.87E-06	5.87E-05	1.64E-04	7.84E-05
tert-butanol	butyl bromide	3	13	303.15	4.20E-06	4.20E-05	1.21E-04	5.78E-05
tert-butanol	butyl bromide	3	13	308.15	5.07E-06	4.16E-05	1.11E-04	5.75E-05
tert-butanol	butyl bromide	3	13	313.15	5.11E-06	3.38E-05	8.99E-05	4.72E-05
tert-butanol	butyl bromide	3	13	318.15	7.56E-06	2.25E-05	6.31E-05	3.30E-05
tert-butanol	butyl bromide	3	13	323.15	6.69E-06	2.16E-05	5.55E-05	3.08E-05
tert-butanol	di-n-propyl ether	3	15	298.15	1.91E-05	1.28E-05	2.73E-05	1.60E-05
tert-butanol	di-n-propyl ether	3	15	303.15	1.85E-05	1.16E-05	2.45E-05	1.50E-05
tert-butanol	di-n-propyl ether	3	15	308.15	1.15E-05	6.89E-06	1.42E-05	8.45E-06
tert-butanol	di-n-propyl ether	3	15	313.15	8.43E-06	4.86E-06	1.13E-05	6.56E-06
tert-butanol	di-n-propyl ether	3	15	318.15	1.32E-05	9.73E-06	1.50E-05	1.08E-05
tert-butanol	di-n-propyl ether	3	15	323.15	7.44E-06	4.78E-06	8.98E-06	5.78E-06
tert-butanol	methyl tert-amyl ether (TAME)	3	40	322.73	2.67E-06	2.72E-06	2.38E-06	2.38E-06
tert-butanol	tert.butyl hydroperoxide	3	11	307.55	8.60E-04	8.67E-04	8.76E-04	8.67E-04
tert-butanol	triethylamine	3	13	298.15	3.68E-06	4.73E-06	7.35E-06	5.97E-06
tert-butanol	triethylamine	3	13	303.20	6.64E-06	2.44E-06	3.33E-06	2.78E-06
tert-butanol	triethylamine	3	13	313.15	1.53E-05	4.89E-06	7.66E-06	6.09E-06
tert-butanol	water	3	40	323.13	1.46E-04	8.61E-04	n/a	n/a
tert-butanol	water	3	18	303.15	6.90E-04	1.62E-03	6.48E-04	n/a
tert-butanol	water	3	11	343.15	9.54E-05	5.72E-04	n/a	6.76E-05
tert-butanol	water	3	11	353.15	5.64E-05	5.07E-04	n/a	3.60E-05
tert-butyl chloride	2,4,4-trimethyl-1-pentene	3	24	293.15	8.69E-06	1.03E-05	1.11E-05	1.28E-05
tetrachloroethylene	1,1,2,2-tetrachloroethane	3	10	298.15	3.23E-04	3.21E-04	3.23E-04	3.23E-04
tetrachloromethane	1,2-dibromoethane	3	12	293.15	1.34E-04	1.21E-04	1.40E-04	1.28E-04
tetrachloromethane	1,2-dibromoethane	3	11	283.15	7.85E-06	8.13E-06	7.97E-06	7.86E-06
tetrachloromethane	1,2-dibromoethane	3	11	288.15	6.55E-06	9.35E-06	6.55E-06	6.49E-06
tetrachloromethane	1,2-dibromoethane	3	11	293.15	6.56E-06	5.72E-06	6.99E-06	5.99E-06
tetrachloromethane	1,2-dibromoethane	3	11	298.15	4.90E-06	5.02E-06	4.97E-06	4.88E-06

tetrachloromethane	1,2-dibromoethane	3	11	303.15	4.24E-06	3.77E-06	4.50E-06	3.92E-06
tetrachloromethane	1,2-dibromoethane	3	11	308.15	3.53E-06	2.82E-06	3.85E-06	3.08E-06
tetrachloromethane	1,2-dibromoethane	3	11	313.15	1.56E-06	1.57E-06	1.62E-06	1.53E-06
tetrachloromethane	1,2-dibromoethane	3	11	318.15	1.84E-06	1.82E-06	1.91E-06	1.80E-06
tetrachloromethane	1,2-dibromoethane	3	11	323.15	2.67E-06	2.62E-06	2.73E-06	2.60E-06
tetrachloromethane	1,2-dibromoethane	3	12	298.15	3.69E-05	2.80E-04	3.67E-04	3.48E-04
tetrachloromethane	1,2-dichloropropane	3	10	298.15	1.19E-06	1.18E-06	1.21E-06	1.21E-06
tetrachloromethane	1,3-dichloropropane	3	10	298.15	3.01E-06	3.21E-06	3.01E-06	2.80E-06
tetrachloromethane	1,4-dioxane	3	21	298.15	8.84E-05	9.17E-05	9.14E-05	9.11E-05
tetrachloromethane	1,4-dioxane	3	21	303.15	5.87E-05	7.34E-05	7.27E-05	7.22E-05
tetrachloromethane	1,4-dioxane	3	21	313.15	2.69E-05	2.68E-05	2.70E-05	2.72E-05
tetrachloromethane	1,4-dioxane	3	13	293.15	1.32E-06	1.90E-06	1.80E-06	1.71E-06
tetrachloromethane	1,4-dioxane	3	14	293.15	2.73E-05	3.12E-05	3.68E-05	3.94E-05
tetrachloromethane	1,4-dioxane	3	13	303.15	9.93E-06	1.51E-05	1.64E-05	1.70E-05
tetrachloromethane	2,4-pentanedione	3	16	303.19	2.81E-04	2.10E-04	2.86E-04	3.55E-04
tetrachloromethane	2,4-pentanedione	3	16	323.30	5.12E-05	8.10E-05	1.00E-04	1.13E-04
tetrachloromethane	acetic acid	3	10	298.15	1.75E-03	4.91E-03	6.07E-03	4.97E-03
tetrachloromethane	acetic acid	3	27	293.15	5.61E-04	5.85E-04	9.66E-04	6.12E-04
tetrachloromethane	acetic acid	3	27	305.53	6.73E-05	2.82E-04	5.69E-04	5.94E-04
tetrachloromethane	acetic acid	3	27	313.15	4.75E-05	2.49E-04	5.06E-04	2.71E-04
tetrachloromethane	chlorobenzene	3	11	301.68	4.70E-05	4.64E-05	4.70E-05	4.62E-05
tetrachloromethane	dibutyl ether	3	14	308.15	7.23E-08	6.89E-08	2.41E-06	9.22E-08
tetrachloromethane	ethanol	3	28	293.15	1.47E-04	3.86E-05	3.04E-04	9.37E-05
tetrachloromethane	ethanol	3	14	307.95	2.93E-05	4.69E-05	5.67E-05	3.46E-05
tetrachloromethane	ethanol	3	14	323.15	1.77E-05	3.54E-05	3.83E-05	2.23E-05
tetrachloromethane	ethanol	3	14	333.15	7.35E-06	2.16E-05	2.94E-05	5.69E-05
tetrachloromethane	ethanol	3	14	339.15	8.56E-06	2.03E-05	2.99E-05	5.24E-05
tetrachloromethane	ethyl acetate	3	16	273.15	1.21E-04	9.37E-05	1.48E-04	1.91E-04
tetrachloromethane	ethyl acetate	3	22	293.15	2.25E-06	1.88E-06	2.39E-06	3.59E-06
tetrachloromethane	ethyl acetate	3	22	303.15	3.76E-06	4.22E-06	4.02E-06	3.78E-06
tetrachloromethane	ethyl acetate	3	15	301.68	2.74E-05	2.70E-05	2.79E-05	3.02E-05
tetrachloromethane	methyl ethyl ketoxime	3	20	298.15	3.79E-04	2.97E-04	3.90E-04	3.97E-04
tetrachloromethane	tert-butanol	3	15	298.15	3.18E-04	3.49E-04	4.49E-04	3.68E-04
tetrachloromethane	tributyl phosphate	3	12	298.15	4.16E-03	4.14E-03	4.41E-03	4.25E-03
tetrahydrofuran	1,4-butanediol	3	13	313.15	2.53E-05	4.82E-05	2.49E-05	2.46E-05
tetrahydrofuran	1,4-butanediol	3	14	333.15	1.38E-04	1.64E-04	1.37E-04	1.36E-04
tetrahydrofuran	dimethyl sulfoxide	3	11	298.15	1.23E-06	3.30E-05	1.16E-04	5.21E-05

tetrahydrofuran	dimethyl sulfoxide	3	11	308.15	9.44E-07	2.04E-05	7.98E-05	8.90E-05
tetrahydrofuran	dimethyl sulfoxide	3	11	318.15	3.42E-06	1.42E-05	5.79E-05	2.50E-05
tetrahydrofuran	tetrachloromethane	3	24	303.15	4.09E-07	6.80E-07	6.68E-07	6.40E-07
tetrahydrofuran	triethylamine	3	20	323.15	2.31E-06	2.33E-06	2.34E-06	2.37E-06
tetrahydrofuran	water	3	21	298.15	4.73E-06	7.33E-05	n/a	3.82E-06
tetrahydrofuran	water	3	22	298.15	1.23E-04	9.14E-04	n/a	1.19E-04
tetramethoxysilane	nonane	3	11	390.00	4.39E-06	3.64E-06	4.47E-06	5.08E-06
tetramethylsilane	bromomethyltrimethylsilane	3	12	293.15	1.12E-05	1.18E-06	1.19E-06	1.18E-06
tetramethylsilane	bromomethyltrimethylsilane	3	12	283.15	1.30E-05	2.48E-06	2.71E-06	2.88E-06
tetramethylsilane	bromomethyltrimethylsilane	3	12	273.15	2.81E-05	5.82E-06	6.52E-06	6.39E-06
tetramethylsilane	bromomethyltrimethylsilane	3	12	263.15	3.20E-05	9.60E-06	1.13E-05	1.11E-05
tetramethylsilane	bromomethyltrimethylsilane	3	12	253.15	2.07E-05	1.48E-05	1.70E-05	1.73E-05
tetramethylsilane	bromomethyltrimethylsilane	3	12	243.15	9.01E-05	6.33E-05	6.82E-05	6.76E-05
tetramethylsilane	bromomethyltrimethylsilane	3	12	233.15	7.31E-04	1.46E-04	1.47E-04	1.46E-04
tetramethylsilane	bromomethyltrimethylsilane	3	12	223.15	3.96E-04	3.79E-04	4.01E-04	4.00E-04
thiophene	1-butanol	3	15	318.15	1.25E-03	5.65E-04	1.25E-03	1.40E-03
thiophene	1-butanol	3	15	328.15	9.57E-04	4.48E-04	9.59E-04	1.03E-03
thiophene	1-butanol	3	15	338.15	3.44E-04	4.98E-04	8.55E-04	1.00E-03
thiophene	1-propanol	3	17	308.15	5.17E-04	2.84E-04	5.18E-04	2.98E-04
thiophene	1-propanol	3	17	313.15	4.96E-04	3.09E-04	4.96E-04	3.14E-04
thiophene	1-propanol	3	17	318.15	3.04E-04	1.65E-04	3.03E-04	4.62E-03
toluene	benzoic acid	3	34	413.62	6.16E-04	5.22E-04	8.11E-04	7.49E-04
toluene	benzonitrile	3	50	323.15	1.24E-05	1.25E-05	1.39E-05	1.58E-05
toluene	benzonitrile	3	53	353.15	1.46E-05	1.47E-05	1.57E-05	1.71E-05
toluene	cyclooctane	3	13	298.15	6.94E-05	7.08E-05	6.94E-05	6.91E-05
toluene	cyclooctane	3	13	313.15	9.90E-05	1.08E-04	1.07E-04	1.07E-04
toluene	cyclooctane	3	13	328.15	1.05E-04	1.15E-04	1.14E-04	1.15E-04
toluene	decane	3	13	313.15	1.32E-05	1.31E-05	1.34E-05	1.56E-05
toluene	dimethyl sulfoxide	3	11	323.15	3.03E-05	4.68E-05	8.25E-05	2.97E-05
toluene	N,N-dimethylformamide (DMF)	3	15	313.15	1.65E-04	1.66E-04	1.65E-04	1.72E-04
toluene	N,N-dimethylformamide (DMF)	3	11	378.20	8.70E-05	8.74E-05	8.70E-05	7.64E-05
toluene	N-methyl-2-pyrrolidone	3	12	363.25	6.68E-04	1.01E-03	6.68E-04	2.80E-04
toluene	N-methyl-2-pyrrolidone	3	12	383.35	2.47E-04	4.47E-04	2.47E-04	5.08E-05
toluene	o-chlorotoluene	3	17	308.15	1.55E-03	1.56E-03	1.63E-03	1.62E-03
toluene	octane	3	12	313.15	2.40E-06	2.38E-06	2.41E-06	2.49E-06
toluene	pyridine	3	13	293.15	9.19E-06	3.20E-05	3.51E-05	3.40E-05
toluene	pyridine	3	13	298.15	1.70E-05	2.64E-05	2.85E-05	2.77E-05

toluene	pyridine	3	13	303.15	8.97E-06	2.84E-05	2.99E-05	4.04E-05
toluene	pyridine	3	13	308.15	1.19E-05	2.32E-05	2.52E-05	2.45E-05
toluene	pyridine	3	13	313.15	7.02E-06	1.57E-05	1.72E-05	1.66E-05
toluene	pyridine	3	14	373.15	2.03E-08	2.91E-08	3.70E-08	3.29E-08
toluene	pyridine	3	12	298.15	3.16E-05	7.19E-05	8.31E-05	8.01E-05
toluene	pyridine	3	12	303.15	7.54E-06	2.84E-05	3.41E-05	3.22E-05
toluene	pyridine	3	12	313.15	1.82E-06	5.19E-06	6.31E-06	5.83E-06
toluene	pyridine	3	12	323.15	9.06E-07	3.00E-06	3.51E-06	3.26E-06
toluene	pyridine	3	12	333.15	7.37E-07	1.84E-06	2.12E-06	1.97E-06
trans-1,2-dichloroethene	1,2-dichloroethane	3	10	298.15	4.34E-06	4.86E-06	4.84E-06	4.83E-06
trans-1,3-pentadiene	dimethyl sulfoxide	3	15	313.15	3.46E-04	5.97E-04	n/a	3.27E-04
trans-1,3-pentadiene	dimethyl sulfoxide	3	15	323.15	2.58E-04	5.57E-04	n/a	2.63E-04
trans-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	12	293.15	5.09E-05	7.23E-05	5.31E-05	5.98E-05
trans-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	12	303.15	1.27E-04	1.76E-04	1.27E-04	1.26E-04
trans-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	12	313.15	4.12E-04	5.44E-04	4.12E-04	7.05E-03
trans-1,3-pentadiene	N,N-dimethylformamide (DMF)	3	12	323.15	4.94E-05	5.63E-05	5.15E-05	5.16E-05
trans-2-butene	N,N-dimethylformamide (DMF)	3	12	293.15	2.34E-04	1.65E-03	n/a	n/a
trans-decahydronaphthalene	quinoline	3	12	393.15	3.24E-06	4.19E-05	2.65E-05	2.42E-05
tribromomethane [R20B3]	dimethyl sulfoxide	3	14	298.15	1.17E-03	1.17E-03	1.17E-03	1.16E-03
tridecane	1-methylnaphthalene	3	16	416.75	9.83E-05	9.80E-05	9.83E-05	9.68E-05
tridecane	1-methylnaphthalene	3	16	437.25	3.60E-05	3.52E-05	3.59E-05	3.41E-05
tridecane	1-methylnaphthalene	3	16	453.85	1.89E-05	1.86E-05	1.89E-05	1.86E-05
tridecane	1-methylnaphthalene	3	16	471.35	1.40E-05	1.40E-05	1.39E-05	1.41E-05
triethylamine	1-butanol	3	15	337.65	6.10E-05	9.54E-05	1.97E-05	3.09E-05
triethylamine	1-butanol	3	15	352.95	6.35E-05	7.70E-05	3.74E-05	4.53E-05
triethylamine	1-butanol	3	13	313.15	3.73E-04	5.79E-04	1.88E-04	2.37E-04
triethylamine	1-propanol	3	13	303.20	9.67E-05	1.42E-04	4.20E-05	8.38E-05
triethylamine	1-propanol	3	13	313.15	7.60E-05	1.09E-04	2.95E-05	6.35E-05
triethylamine	1-propanol	3	24	343.20	2.67E-06	1.41E-05	5.62E-06	9.07E-06
triethylamine	1-propanol	3	21	353.25	9.29E-07	8.84E-06	2.26E-06	5.33E-06
triethylamine	1-propanol	3	15	363.40	1.92E-06	3.81E-06	2.40E-06	3.31E-06
triethylamine	2-butanol	3	13	283.15	7.98E-04	8.38E-04	6.95E-04	7.41E-04
triethylamine	2-butanol	3	13	303.20	1.15E-04	1.18E-04	8.80E-05	9.92E-05
triethylamine	2-butanol	3	13	313.15	5.52E-05	9.77E-05	8.40E-05	2.20E-04
triethylamine	N-methylacetamide	3	40	398.55	1.86E-04	1.45E-04	n/a	6.96E-05
trimethylamine	ethyl acetate	3	16	273.15	1.63E-04	1.90E-04	1.89E-04	1.86E-04
trimethylamine	tetrachloromethane	3	21	253.15	1.04E-03	1.05E-03	1.04E-03	1.04E-03

trimethylamine	tetrachloromethane	3	21	273.15	1.23E-04	1.28E-04	1.23E-04	1.66E-04
trimethylamine	tetrachloromethane	3	21	293.15	5.18E-05	5.18E-05	5.18E-05	5.18E-05
trimethylamine	water	3	12	353.15	6.23E-04	2.73E-03	2.58E-03	3.31E-03
trimethylamine	water	3	12	373.15	1.69E-04	3.99E-04	1.16E-03	8.18E-04
trimethylamine	water	3	12	403.15	2.96E-04	4.85E-05	1.61E-03	3.93E-04
vinyl chloride	1,2-dichloroethane	3	15	293.15	6.45E-05	6.46E-05	6.46E-05	6.46E-05
vinyl chloride	acetonitrile	3	14	293.15	7.25E-04	7.82E-04	8.14E-04	8.30E-04
vinyl chloride	acetonitrile	3	14	319.85	7.24E-05	7.70E-05	8.31E-05	9.07E-05
vinyl chloride	acetonitrile	3	14	346.48	5.15E-04	5.62E-04	5.15E-04	4.68E-04
vinyl chloride	hexane	3	23	259.05	1.66E-05	1.53E-05	1.85E-05	1.73E-05
water	.epsilon.-caprolactam	3	19	363.20	2.73E-04	2.28E-04	2.43E-04	6.47E-04
water	.epsilon.-caprolactam	3	19	383.20	8.59E-05	6.03E-05	8.87E-05	3.25E-04
water	.epsilon.-caprolactam	3	19	393.20	4.05E-05	9.05E-05	4.16E-05	1.49E-04
water	.epsilon.-caprolactam	3	19	404.40	5.14E-05	8.81E-05	5.26E-05	1.95E-04
water	1,2-propyleneglycol diacetate	3	64	358.15	1.61E-04	1.12E-03	n/a	n/a
water	1,4-butanediol	3	15	333.15	7.22E-05	8.59E-04	2.02E-04	9.55E-04
water	1,4-butanediol	3	15	338.15	3.62E-05	8.47E-04	1.94E-04	9.61E-04
water	1,4-butanediol	3	15	343.15	8.03E-05	5.75E-04	1.70E-04	7.02E-04
water	1,4-butanediol	3	15	348.15	5.00E-05	5.16E-04	1.30E-04	2.01E-03
water	1,4-butanediol	3	14	353.15	9.17E-05	5.11E-04	1.37E-04	6.18E-04
water	1,4-butanediol	3	15	358.15	7.95E-05	7.10E-04	2.02E-04	8.62E-04
water	1,4-butanediol	3	15	363.15	1.03E-04	5.97E-04	2.09E-04	7.46E-04
water	1,4-butanediol	3	15	368.15	2.86E-05	6.28E-04	2.26E-04	8.22E-04
water	1,4-dioxane	3	25	293.15	7.82E-05	8.84E-05	9.02E-04	3.54E-05
water	1,4-dioxane	3	11	283.15	1.47E-04	1.40E-04	1.04E-03	3.39E-05
water	1,4-dioxane	3	11	293.15	1.05E-04	1.33E-04	9.02E-04	1.31E-05
water	1,4-dioxane	3	11	298.15	1.29E-05	1.60E-05	4.31E-04	9.95E-06
water	1,4-dioxane	3	11	303.15	5.28E-05	6.24E-05	5.87E-04	1.16E-05
water	1,4-dioxane	3	11	313.15	1.41E-05	2.05E-05	3.67E-04	1.03E-05
water	1,4-dioxane	3	11	323.15	4.86E-05	5.95E-05	2.98E-04	4.72E-05
water	1,4-dioxane	3	11	333.15	2.81E-05	4.22E-05	2.74E-04	2.34E-05
water	1,4-dioxane	3	11	343.15	1.75E-05	2.92E-05	2.17E-04	1.75E-05
water	1,4-dioxane	3	11	353.15	1.33E-04	2.01E-04	3.56E-04	6.97E-05
water	1,4-dioxane	3	20	323.15	3.32E-06	1.49E-05	4.69E-04	4.13E-05
water	1,4-dioxane	3	34	323.15	2.98E-06	9.54E-06	2.42E-04	3.74E-07
water	1-butanol	3	45	323.23	7.19E-05	4.55E-04	n/a	n/a
water	2-butoxyethanol	3	31	298.15	4.63E-04	2.30E-03	9.98E-04	2.67E-04

water	2-methyl-1-propanol	3	27	323.15	3.55E-05	7.16E-04	n/a	n/a
water	2-pentanol	3	19	343.15	6.07E-05	2.56E-03	n/a	n/a
water	2-pentanol	3	22	353.15	1.33E-04	2.27E-03	n/a	n/a
water	2-pentanol	3	21	363.15	3.25E-05	2.29E-03	n/a	n/a
water	3-pentanone	3	14	382.50	1.76E-03	1.36E-03	n/a	n/a
water	acetic acid	3	11	298.15	1.60E-03	2.49E-05	1.60E-03	2.40E-05
water	acetic acid	3	11	308.15	1.51E-03	1.08E-05	1.51E-03	7.97E-06
water	acetic acid	3	11	318.15	1.33E-03	7.32E-06	1.33E-03	8.86E-06
water	acetic acid	3	11	328.15	1.11E-03	4.85E-06	1.11E-03	2.98E-06
water	acetic acid	3	11	338.15	7.67E-04	3.21E-06	7.67E-04	6.49E-06
water	acetic acid	3	11	348.15	6.63E-04	2.81E-06	6.63E-04	5.93E-06
water	formic acid butyl ester	3	52	298.15	1.32E-02	1.16E-03	n/a	n/a
water	piperazine	3	15	386.05	7.94E-04	1.81E-03	7.94E-04	5.93E-03
water	piperidine	3	13	298.15	3.33E-04	2.57E-04	3.33E-04	4.57E-04
water	piperidine	3	13	308.15	3.92E-04	3.08E-04	3.92E-04	5.41E-04
water	sulfolane	3	11	313.15	1.38E-04	2.84E-04	1.38E-04	3.29E-04
water	sulfolane	3	11	323.15	1.89E-04	8.71E-04	1.89E-04	9.34E-04
water	sulfolane	3	28	303.15	1.36E-01	1.41E-01	n/a	1.49E-01
1,1,1,3,3,3-hexafluoro-2-propanol	water	4	15	298.15	0.01063849	0.01794489	n/a	0.03119246
1,2-dibromoethane	m-xylene	4	11	308.15	8.2E-06	8.1353E-06	8.0327E-06	1.0418E-05
1,2-dibromoethane	m-xylene	4	11	298.15	4.0346E-05	4.5158E-05	4.3748E-05	5.2723E-05
1,2-dibromoethane	o-xylene	4	12	308.15	7.2902E-05	0.00010563	0.0001063	0.00010585
1,2-dibromoethane	o-xylene	4	12	298.15	3.4424E-05	0.00021981	0.00021873	0.00045983
1,2-dibromoethane	p-xylene	4	11	308.15	2.0631E-05	2.0515E-05	2.0672E-05	2.6451E-05
1,2-ethanediol	2,2'-diethanolamine (DEA)	4	14	393.15	0.00089718	0.000653	0.00167841	0.00073926
1,2-ethanediol	diethylene glycol N-hexyl ether	4	16	373.15	0.00014322	0.00012741	0.00016111	0.00019872
1,2-ethanediol	diethylene glycol N-hexyl ether	4	17	453.15	0.00017626	0.0002243	0.00017626	0.00016702
1,2-propylene oxide	acetophenone	4	16	305.15	0.0032393	0.00329244	0.00340527	0.00330898
1,3-cyclopentadiene	toluene	4	10	293.15	0.0012191	0.00276435	0.00278863	0.00298502
1,4-dioxane	ethylbenzene	4	16	303.15	8.8262E-06	8.8184E-06	8.8622E-06	8.8738E-06
1,4-dioxane	ethylbenzene	4	16	323.15	3.8003E-06	3.8765E-06	3.9626E-06	4.0143E-06
1,4-dioxane	tetrachloroethylene	4	13	303.15	3.004E-05	2.9639E-05	3.0252E-05	3.2607E-05
1,4-dioxane	toluene	4	12	293.15	1.1816E-07	2.51E-07	1.9348E-07	1.4889E-07
1-butanol	p-xylene	4	18	313.15	3.5763E-06	2.948E-05	0.00013484	5.8661E-05
1-methoxy-2-propanol	2,3-epoxy-1-propanol	4	18	343.15	7.9615E-05	8.2228E-05	7.5152E-05	8.0493E-05
1-nonene	phenol	4	18	393.15	4.2754E-06	0.00037719	0.0001875	0.00019754
1-nonene	phenol	4	18	413.15	3.6496E-05	0.00011539	5.3953E-05	5.6518E-05

1-pentanol	aniline	4	11	373.15	1.3628E-05	1.3902E-05	1.3629E-05	1.3633E-05
1-pentene	aniline	4	14	313.15	1.9893E-05	0.00035414	n/a	1.876E-05
1-pentene	aniline	4	14	350.81	1.0237E-05	0.0001829	5.7212E-05	9.5064E-06
1-pentene	chlorobenzene	4	14	280.00	2.8726E-06	2.9201E-06	3.29E-06	3.0433E-06
1-pentene	chlorobenzene	4	14	320.00	6.411E-06	6.9599E-06	6.3888E-06	6.3863E-06
1-pentene	chlorobenzene	4	14	360.00	2.4285E-05	2.9996E-05	3.0552E-05	2.8806E-05
1-propanol	m-xylene	4	15	308.15	0.00056126	0.00079673	n/a	n/a
1-propanol	o-xylene	4	15	308.15	0.00016207	0.00016496	n/a	0.0003128
1-propanol	p-xylene	4	19	313.15	4.095E-06	6.9459E-06	0.00012791	1.5159E-05
1-propanol	toluene	4	21	313.15	1.0775E-06	1.9771E-06	7.7178E-05	7.5609E-06
1-propanol	toluene	4	15	298.15	0.00038506	0.00066442	n/a	n/a
2-butanone	ethylbenzene	4	12	298.15	0.00010966	0.00012997	0.00012266	0.00013714
2-butanone	tetrachloroethylene	4	15	298.15	1.7742E-05	1.7414E-05	2.3453E-05	1.8601E-05
2-butanone	trichloroethylene	4	16	288.15	0.00013662	0.00014782	0.00013661	0.00012647
2-methyl-1-butene	N,N-dimethylformamide (DMF)	4	10	293.15	0.00166419	n/a	0.00166419	0.00171517
2-methyl-1-propanol	ethylbenzene	4	19	313.15	3.7884E-05	9.0122E-06	9.3055E-05	1.8573E-05
2-methyl-1-propanol	p-xylene	4	19	313.15	6.6181E-06	1.2304E-05	0.0001242	2.5236E-05
2-methyl-1-propanol	toluene	4	18	313.15	1.9323E-05	4.3791E-05	0.00017304	5.8615E-05
2-methyl-1-propanol	toluene	4	16	308.15	0.00209992	0.00366432	0.00215107	0.00211943
2-methylphenol	dodecane	4	20	428.15	7.7118E-05	8.7724E-05	7.7333E-05	7.8864E-05
2-methylphenol	dodecane	4	18	458.15	6.5752E-05	7.3629E-05	6.5752E-05	6.6167E-05
2-propanol	m-xylene	4	15	298.15	3.4146E-05	0.00046327	n/a	0.00038504
2-propanol	m-xylene	4	15	308.15	5.3133E-05	0.00086654	n/a	0.00050983
2-propanol	o-xylene	4	15	298.15	4.3923E-05	5.6957E-05	n/a	4.0468E-05
2-propanol	o-xylene	4	14	308.15	3.0719E-05	0.00080265	n/a	0.0008292
2-propanol	p-xylene	4	15	298.15	0.0001014	0.0001896	0.00077298	0.00026966
2-propanol	p-xylene	4	15	308.15	4.0635E-05	0.00022424	0.00126345	0.00034657
2-propanol	toluene	4	15	298.15	0.00013697	0.00027374	0.00091032	0.00053044
2-propanol	toluene	4	15	303.15	0.00013179	0.0004211	0.00109137	0.00069536
2-propanol	toluene	4	15	313.15	3.8748E-05	0.00034822	0.00080806	0.0005284
2-propanol	toluene	4	15	298.15	2.379E-05	9.0058E-05	0.00022761	0.00027674
2-propenoic acid methyl ester	acrylic acid	4	16	313.15	2.0726E-05	2.2829E-05	2.9538E-05	2.9099E-05
2-propenoic acid methyl ester	acrylic acid	4	15	353.15	1.0602E-05	2.2778E-05	1.4638E-05	1.4018E-05
2-propenoic acid methyl ester	styrene	4	17	323.15	0.00031371	0.00031918	0.0003104	0.00031949
3-ethylpyridine	butylbenzene	4	14	373.15	6.9533E-07	6.6818E-07	6.713E-07	6.73E-07
3-methylpyridine	butylbenzene	4	14	373.15	4.0069E-07	4.107E-07	3.9765E-07	3.8005E-07
3-methylpyridine	propylbenzene	4	14	373.15	2.0333E-07	3.7542E-07	3.5895E-07	3.5689E-07

4-methylphenol	N-methyl-2-pyrrolidone	4	11	393.55	0.00276242	0.00683233	0.00276243	0.00273982
acetic acid	aniline	4	11	313.15	0.00064384	0.00233275	0.00311548	0.03799175
acetic acid	aniline	4	11	333.15	0.00055825	0.01313444	0.01417724	0.0191609
acetone	alpha-methyl styrene	4	15	295.65	2.1952E-06	1.6255E-05	1.9435E-05	1.7904E-05
acetone	alpha-methyl styrene	4	15	331.90	7.6964E-07	5.9685E-06	7.3771E-06	8.1206E-06
acetone	alpha-methyl styrene	4	15	372.15	5.2516E-06	7.2074E-06	7.1434E-06	6.9889E-06
acetone	aniline	4	15	277.35	0.0003658	0.0003678	0.00036322	0.00034992
acetone	aniline	4	15	313.15	1.4554E-05	0.00034113	0.00031572	0.0003859
acetone	chlorobenzene	4	14	313.15	5.2346E-06	2.4459E-05	1.6302E-05	2.5841E-05
acetone	chlorobenzene	4	14	353.15	2.1094E-06	3.4147E-06	6.8925E-06	3.1865E-06
acetone	chlorobenzene	4	14	386.66	3.3053E-06	1.0614E-05	1.8954E-05	9.7474E-06
acetone	isopropylbenzene	4	15	293.15	6.8482E-07	5.4789E-05	7.3246E-05	7.9851E-05
acetone	isopropylbenzene	4	15	345.15	8.0168E-07	1.0716E-05	1.2166E-05	0.00012573
acetone	isopropylbenzene	4	15	387.15	9.0855E-07	2.8206E-06	3.0693E-06	2.258E-06
acetone	isopropylbenzene	4	12	293.15	0.00015443	0.00015382	0.00015466	0.00015613
acetone	isopropylbenzene	4	10	314.95	5.7038E-05	0.0001832	0.00018708	0.00018534
acetone	phenol	4	15	313.55	0.00126375	0.00175844	0.00126375	0.01260501
acetone	phenol	4	16	333.15	0.00059806	0.0013109	0.000966	0.01764091
acetone	phenol	4	16	353.15	0.00310665	0.00412825	0.00310665	0.0087338
acetone	tetrachloroethylene	4	11	273.15	9.9252E-05	0.0001866	9.9232E-05	9.926E-05
acetone	toluene	4	20	318.15	0.00028329	0.00028359	0.00028329	0.00028311
acetone	toluene	4	24	303.15	5.8507E-06	2.5606E-05	2.153E-05	2.862E-05
acetone	trichloroethylene	4	12	273.15	1.0367E-05	1.3818E-05	3.1033E-05	2.9898E-05
acetonitrile	2-propeN-1-ol	4	17	313.15	8.853E-06	1.2613E-05	1.4849E-05	1.332E-05
acetonitrile	2-propeN-1-ol	4	17	353.15	1.0742E-05	1.0813E-05	1.0746E-05	1.2299E-05
acetophenone	p-cumylphenol	4	13	430.15	0.0044365	n/a	0.00450504	0.00603158
acetophenone	p-cumylphenol	4	14	444.35	0.0008781	n/a	0.00093092	0.00108851
acetophenone	p-cumylphenol	4	16	466.45	0.00043905	n/a	0.00047336	0.0005961
acrolein	1-butanol	4	10	298.15	6.0677E-05	7.8375E-05	0.00010892	0.00011326
acrolein	1-pentanol	4	10	298.15	9.5633E-05	0.00012855	0.00018401	0.00013676
acrolein	2-propanol	4	10	298.15	0.0001782	0.00089287	0.0009385	0.00094508
aniline	.epsilon.-caprolactam	4	10	343.15	0.00516209	0.00520472	0.00525988	0.00531076
benzene	2-propenoic acid methyl ester	4	17	323.15	5.2615E-05	5.2005E-05	5.1132E-05	5.2202E-05
benzyl alcohol	benzyl benzoate	4	22	453.23	0.00032893	5.5924E-05	6.0944E-05	9.5354E-05
butyl acetate	1,3-dihydroxybenzene <resorcinol>	4	11	395.60	0.00101287	0.00136932	0.00134674	0.00139488
butyl acetate	1,3-dihydroxybenzene <resorcinol>	4	11	406.60	0.00084258	0.0009412	0.00092963	0.00099957
butyl acetate	1,3-dihydroxybenzene <resorcinol>	4	11	418.10	0.00052993	0.00071852	0.00071261	0.0007114

butyl acetate	phenol	4	16	343.15	0.00054579	0.00063449	0.00054579	0.00133793
butyl acetate	phenol	4	17	373.15	0.00044948	0.0004997	0.00044948	0.00089958
butyl acetate	phenol	4	16	393.15	0.00013267	0.00015367	0.00013268	0.00044923
butyl acetate	phenol	4	16	423.15	2.0101E-05	5.5704E-05	4.8107E-05	0.00010505
butyl chloride	aniline	4	15	298.20	2.9578E-06	9.0455E-06	7.1531E-06	2.9795E-06
butylamine	ethylbenzene	4	12	298.15	4.839E-05	6.0928E-05	5.37E-05	6.5352E-05
butylamine	toluene	4	11	298.15	3.4085E-06	4.9757E-06	4.7912E-06	5.0519E-06
butylbenzene	N-methyl-2-pyrrolidone	4	13	352.15	0.00032739	0.00037305	0.00032739	0.00033417
butylbenzene	N-methyl-2-pyrrolidone	4	13	373.75	8.2823E-06	3.9139E-05	2.7074E-05	2.974E-05
butylbenzene	quinoline	4	12	393.15	1.5299E-06	1.8157E-06	1.6009E-06	1.9217E-06
chloroethane	toluene	4	17	373.15	2.7578E-05	0.00013679	9.0222E-05	0.0001591
cyclohexanol	phenol	4	15	403.35	0.0002825	0.00042601	0.00041061	0.00041169
cyclohexanol	phenol	4	15	423.35	0.00016649	0.00026015	0.00024812	0.00026345
cyclohexanol	phenol	4	15	433.25	0.0001574	0.00018046	0.0001751	0.00020312
cyclohexanol	phenol	4	15	443.45	9.6744E-05	0.00011837	0.00011442	0.00011657
cyclohexanol	phenol	4	15	457.55	3.8956E-05	4.2872E-05	4.1674E-05	4.1852E-05
cyclohexanone	phenol	4	10	403.50	0.00034174	0.0004074	0.00034173	0.0003405
decane	2-methylphenol	4	14	428.15	4.727E-06	3.8262E-06	7.1921E-06	6.6587E-06
decane	2-methylphenol	4	14	445.15	7.1573E-06	7.8915E-06	8.4619E-06	6.9786E-06
dibromomethane [R30B2]	o-xylene	4	11	308.15	0.00020726	0.00031353	0.0003012	0.00030601
diethylene glycol	2,2'-diethanolamine (DEA)	4	10	417.60	0.00110127	0.00248751	0.0013642	n/a
dimethyl ether	phenol	4	20	353.15	0.00042235	0.0004484	0.00044853	0.00080705
dimethyl ether	phenol	4	18	319.15	0.00045475	0.00082897	0.00045475	0.00753626
epichlorohydrin	2,3-epoxy-1-propanol	4	15	323.15	3.1658E-05	3.4909E-05	3.1471E-05	3.1534E-05
epichlorohydrin	2,3-epoxy-1-propanol	4	15	348.15	5.0555E-05	7.0086E-05	6.7106E-05	0.00120568
epichlorohydrin	3-chloro-1,2-propanediol	4	14	323.15	1.5166E-05	2.0163E-05	2.8642E-05	3.5683E-05
epichlorohydrin	3-chloro-1,2-propanediol	4	15	373.15	9.171E-05	0.00011835	8.9363E-05	8.1832E-05
ethanol	aniline	4	15	313.15	4.2585E-06	1.8364E-05	3.0405E-05	2.0944E-05
ethanol	aniline	4	15	350.81	8.142E-07	1.7363E-06	4.4137E-06	2.704E-06
ethanol	aniline	4	15	386.67	5.8558E-06	5.8384E-06	5.8617E-06	5.8176E-06
ethanol	chlorobenzene	4	18	298.15	3.7121E-05	6.0487E-05	0.00057668	0.00015779
ethanol	chlorobenzene	4	19	303.17	1.1102E-05	1.5875E-05	0.00017209	2.2861E-05
ethanol	chlorobenzene	4	15	298.15	7.1176E-06	2.3022E-05	0.00044168	9.5116E-05
ethanol	chlorobenzene	4	15	398.66	2.9538E-05	3.4815E-05	2.8663E-05	3.1352E-05
ethanol	p-xylene	4	33	313.15	2.2724E-05	3.9877E-05	0.0010407	0.00014228
ethanol	toluene	4	12	323.15	2.1051E-05	9.4345E-05	2.4322E-05	2.0727E-05
ethanol	toluene	4	42	313.15	0.00013603	0.00018713	0.00021595	0.00012006

ethyl iodide	m-xylene	4	11	298.15	1.896E-05	5.2419E-05	5.339E-05	6.6335E-05
ethyl iodide	m-xylene	4	10	308.15	0.00035667	0.00035965	0.00035666	0.00027418
ethyl iodide	o-xylene	4	11	298.15	0.00077559	0.00107154	0.00154026	0.00114319
ethyl iodide	p-xylene	4	11	298.15	0.00012952	0.00013051	0.00013185	0.00013787
ethyl iodide	p-xylene	4	10	308.15	0.00013202	0.00034087	0.00029923	0.00044358
ethyl iodide	toluene	4	11	298.15	6.6038E-05	6.6402E-05	6.6583E-05	6.9011E-05
ethylbenzene	3-methylpyridine	4	14	373.15	7.2964E-08	7.033E-08	7.6263E-08	7.2485E-08
ethylbenzene	phenol	4	14	393.15	0.00012911	9.9922E-05	6.9424E-05	6.861E-05
ethylbenzene	phenol	4	14	403.15	0.00014647	0.00011914	8.6215E-05	8.3474E-05
formic acid	benzyl alcohol	4	11	293.15	0.00175225	0.00173487	0.00176976	0.00194541
formic acid	benzyl alcohol	4	11	298.15	0.00123541	0.00244181	0.00101022	0.02257719
formic acid	benzyl alcohol	4	11	303.15	0.00234915	0.00445853	0.0019075	0.03455022
formic acid	benzyl alcohol	4	11	308.15	0.00417035	0.00708961	0.00331042	0.04685187
formic acid	benzyl alcohol	4	11	318.15	0.00873274	0.01284156	0.00758099	0.02126191
furan	tetrahydrofuran	4	18	303.15	1.8408E-06	1.9874E-06	2.115E-06	2.0193E-06
isopropylbenzene	phenol	4	15	393.15	3.521E-05	2.0382E-05	7.8015E-06	1.0722E-05
isopropylbenzene	phenol	4	15	403.15	0.00134295	2.2202E-05	1.0746E-05	1.3749E-05
isopropylbenzene	phenol	4	16	324.15	0.05445882	0.09265095	0.14129547	0.13569924
isopropylbenzene	phenol	4	15	343.65	0.01459815	0.02899019	0.02764952	0.03204223
isopropylbenzene	phenol	4	16	370.65	0.00329121	0.00447662	0.0044176	0.00405639
isopropylbenzene	phenol	4	15	379.55	0.00217687	0.00218778	0.00217332	0.0021481
methacrylic acid methyl ester	styrene	4	15	323.15	8.3674E-05	0.0001109	8.6451E-05	0.00012598
methanol	methacrylic acid methyl ester	4	12	298.15	7.8492E-07	2.24E-05	7.8245E-05	9.2195E-05
methanol	methacrylic acid methyl ester	4	12	308.15	7.8262E-08	1.3369E-05	5.3119E-05	5.9998E-05
methanol	methacrylic acid methyl ester	4	12	318.15	4.761E-07	1.1898E-05	4.3305E-05	1.5802E-05
methanol	methacrylic acid methyl ester	4	12	328.18	4.7754E-07	8.1948E-06	3.1053E-05	1.139E-05
methanol	methacrylic acid methyl ester	4	12	333.15	5.6123E-07	7.0607E-06	2.6921E-05	1.0065E-05
methanol	N,N-dimethylethanolamine (DMEA)	4	12	293.15	3.1989E-05	3.1972E-05	3.2266E-05	0.00086734
methanol	N,N-dimethylethanolamine (DMEA)	4	12	313.15	6.5067E-06	1.0501E-05	1.5417E-05	5.9491E-05
methyl propanoate	toluene	4	11	298.15	5.2704E-05	7.7582E-05	7.7505E-05	7.7659E-05
monoethanolamine	1,2-ethanediol	4	19	391.60	0.00068411	0.00068465	0.00068442	0.00068446
monoethanolamine	1,2-ethanediol	4	19	418.50	0.0003304	0.00067184	0.00067117	0.00067345
monoethanolamine	1,2-ethanediol	4	18	443.60	0.0002469	0.00036947	0.00036854	0.00036838
monoethanolamine	diethylene glycol	4	14	403.60	0.00136704	0.00137443	0.00137355	0.00136386
monoethanolamine	diethylene glycol	4	15	418.20	0.00132155	0.00132238	0.0013232	0.00131908
monoethanolamine	diethylene glycol	4	14	445.20	0.00089861	0.0009064	0.00104592	0.00090516
N-methyl-2-pyrrolidone	2,4-dimethylphenol	4	11	393.55	0.00123767	0.00355567	0.00123767	0.00778791

N-propylamine	ethylbenzene	4	12	433.15	0.0002784	0.00069449	0.00059763	0.00073796
N-propylamine	phenol	4	28	433.15	0.00148813	0.00298345	0.00148813	0.00919012
N-propylamine	phenol	4	20	353.15	0.02459751	0.05530789	0.02459751	0.08829471
o-xylene	maleic anhydride	4	17	342.20	0.00154246	0.00371368	0.00538944	0.00371722
o-xylene	maleic anhydride	4	17	353.50	0.00107191	0.00234404	0.00320356	0.00313065
o-xylene	maleic anhydride	4	17	363.50	0.00146675	0.00166142	0.00221123	0.00170966
o-xylene	sulfolane	4	11	333.15	0.00027262	0.00043429	0.00154533	0.00170456
phenol	1,2,3,4-tetrahydronaphthalene	4	19	428.15	7.4462E-06	8.6867E-06	7.2063E-06	6.3041E-06
phenol	1,2,3,4-tetrahydronaphthalene	4	17	448.15	5.8174E-06	6.6096E-06	5.6964E-06	5.1338E-06
phenol	1-undecene	4	17	428.15	4.4608E-05	0.00024696	0.00011773	0.00010023
phenol	1-undecene	4	17	443.15	4.302E-05	0.00023853	0.00013368	0.00011226
phenol	butylbenzene	4	15	393.15	4.2576E-06	3.7832E-06	1.8377E-06	1.8622E-06
phenol	butylbenzene	4	15	403.15	3.0856E-06	2.8925E-06	1.594E-06	1.5962E-06
phenol	N-methylacetamide	4	38	413.54	0.00031815	0.00052384	0.00031889	0.00033558
propionic acid	aniline	4	11	313.15	0.00050498	0.00117864	0.00180192	0.00559042
propionic acid	aniline	4	13	333.15	0.00017638	0.00115642	0.00124342	0.00137461
propionitrile	ethylbenzene	4	15	313.15	1.2006E-06	2.1615E-05	3.1753E-05	2.5379E-05
propionitrile	ethylbenzene	4	15	353.15	2.25E-05	2.2536E-05	2.9264E-05	2.52E-05
propionitrile	ethylbenzene	4	15	393.15	2.0708E-06	1.4443E-05	1.7649E-05	1.5901E-05
propylbenzene	3-ethylpyridine	4	13	373.15	1.2254E-07	1.6171E-07	1.6759E-07	1.6332E-07
propylbenzene	N-methyl-2-pyrrolidone	4	13	352.15	1.3957E-05	1.6081E-05	2.0145E-05	1.9157E-05
propylbenzene	N-methyl-2-pyrrolidone	4	13	373.25	3.12E-05	4.7538E-05	3.12E-05	3.0194E-05
propylbenzene	phenol	4	14	393.15	0.00139852	5.8372E-06	1.1814E-06	1.4401E-06
propylbenzene	phenol	4	14	403.15	2.4186E-05	6.5784E-06	1.5325E-06	2.3489E-06
propylene	acetophenone	4	19	298.15	0.00012405	0.00049022	0.00012405	4.9146E-05
propylene	acetophenone	4	19	333.15	0.00022157	0.00044903	0.00022157	0.00010486
pyridine	butylbenzene	4	12	373.15	2.145E-06	2.5535E-06	2.145E-06	1.7717E-06
pyridine	ethylbenzene	4	14	373.15	2.3019E-07	2.5851E-07	2.2534E-07	2.3838E-07
pyridine	propylbenzene	4	12	373.15	2.478E-06	5.1778E-07	3.9627E-07	3.4397E-07
styrene	sulfolane	4	11	333.15	0.00014151	0.00108995	0.00164397	0.00127131
tert-butanol	ethylbenzene	4	18	313.15	0.00014524	4.3169E-05	0.00022188	8.6139E-05
tert-butanol	m-xylene	4	16	308.15	5.3956E-06	0.00132005	0.00285655	0.0013677
tert-butanol	o-xylene	4	16	308.15	2.4566E-05	0.00111459	0.0041976	0.0013031
tert-butanol	p-xylene	4	15	313.15	3.3481E-06	0.00026797	0.00067859	0.00044389
tert-butanol	p-xylene	4	16	308.15	1.1441E-05	0.00038802	0.00178551	0.00042088
tert-butanol	toluene	4	16	313.15	1.008E-05	2.5208E-05	9.1893E-05	4.5737E-05
tert-butanol	toluene	4	16	308.15	0.00050011	0.00086648	0.00051304	0.00050653

toluene	1,2-dibromoethane	4	12	308.15	1.1412E-06	1.0389E-05	1.0154E-05	1.1852E-05
toluene	1,2-dibromoethane	4	12	298.15	1.4972E-05	5.7043E-05	5.637E-05	6.0254E-05
toluene	1-butanol	4	18	313.15	7.4529E-06	2.5056E-05	0.00011874	3.8935E-05
toluene	2-methylpyridine	4	18	313.15	4.2041E-06	5.0515E-06	5.2814E-06	5.4269E-06
toluene	3-methylpyridine	4	18	313.15	6.6703E-06	7.079E-06	7.4983E-06	7.7543E-06
toluene	4-methylpyridine	4	18	313.15	3.9041E-06	6.4179E-06	7.1082E-06	7.6324E-06
toluene	alpha.-phenylethanol	4	17	373.15	0.0027937	0.00277954	0.00264578	0.00217705
toluene	alpha.-phenylethanol	4	17	473.15	7.3413E-05	8.2279E-05	8.2792E-05	8.2835E-05
toluene	alpha-methyl styrene	4	12	293.15	3.1869E-05	6.0096E-05	5.2344E-05	3.2867E-05
toluene	alpha-methyl styrene	4	12	303.15	1.6133E-05	3.6203E-05	4.7386E-05	9.0369E-05
toluene	alpha-methyl styrene	4	12	308.15	9.1006E-06	4.7952E-05	6.0181E-05	9.858E-05
toluene	alpha-methyl styrene	4	12	313.15	5.0454E-05	5.4574E-05	6.1146E-05	0.00010149
toluene	nitroethane	4	14	318.15	1.2595E-05	1.8891E-05	1.8933E-05	2.0902E-05
toluene	sulfolane	4	17	303.15	9.3449E-05	9.6521E-05	0.00021547	0.00020843
toluene	sulfolane	4	17	313.15	5.5813E-05	5.6191E-05	0.00021931	0.0002165
toluene	sulfolane	4	11	303.15	0.00011847	0.00192122	0.00295146	0.00260555
toluene	sulfolane	4	11	313.15	0.00038996	0.00106113	0.00188655	0.00193427
toluene	sulfolane	4	11	323.15	0.00032021	0.00064531	0.00134205	0.00141291
toluene	sulfolane	4	11	333.15	4.9425E-05	0.00045079	0.00105906	0.00057254
toluene	sulfolane	4	12	303.15	0.00133537	0.00148236	0.00179738	0.00183276
toluene	sulfolane	4	12	308.15	0.00169936	0.00170151	0.00181262	0.00182887
toluene	sulfolane	4	13	313.15	0.00250481	0.00260089	0.00287225	0.00289678
toluene	sulfolane	4	13	318.15	0.00299582	0.00313214	0.00353309	0.00353973
toluene	sulfolane	4	13	323.15	0.00126957	0.00222399	0.00269998	0.00222328
toluene	sulfolane	4	13	328.15	0.00162736	0.0034259	0.00407804	0.0034258
toluene	sulfolane	4	13	333.15	0.00187535	0.00293426	0.00338343	0.00338425
toluene	sulfolane	4	13	338.15	0.00130098	0.00320756	0.0038605	0.0094076
toluene	sulfolane	4	13	343.15	0.00407767	0.00392142	0.00430905	0.0038939
trichloroethylene	1,4-dioxane	4	10	303.15	2.5063E-05	2.5465E-05	2.4994E-05	2.494E-05
trichloroethylene	N-pentylacetamide	4	22	338.20	0.00092743	n/a	0.00096668	0.00098184
trichloroethylene	N-pentylacetamide	4	22	353.60	0.00018986	n/a	0.0001922	0.00033451
trichloroethylene	N-pentylacetamide	4	22	368.20	0.00023708	n/a	0.00024848	0.00041106
trichloroethylene	N-pentylacetamide	4	20	384.00	0.00021551	n/a	0.00021909	0.0003402
triethylamine	1,3,5-trimethylbenzene	4	12	293.15	0.00128359	0.00459314	0.00471902	0.00496943
triethylamine	1,3,5-trimethylbenzene	4	12	303.15	0.00114335	0.00394145	0.00397892	0.00415169
triethylamine	1,3,5-trimethylbenzene	4	12	313.15	0.00103097	0.00325668	0.0032411	0.00333752
triethylamine	1,3,5-trimethylbenzene	4	12	323.15	0.00232471	0.00251963	0.00250261	0.00252744

triethylamine	1,3,5-trimethylbenzene	4	12	333.15	0.00179841	0.00180045	0.00179868	0.00180318
triethylamine	toluene	4	12	293.15	0.00260786	0.00260828	0.00260786	0.00259908
triethylamine	toluene	4	12	303.15	0.00092359	0.00092399	0.00092527	0.00091943
triethylamine	toluene	4	12	313.15	0.00025446	0.00025409	0.00025407	0.00025548
triethylamine	toluene	4	12	323.15	7.5183E-05	8.096E-05	7.7411E-05	9.1242E-05
triethylamine	toluene	4	12	333.15	4.5182E-05	0.00010076	9.4194E-05	0.00013572
vinyl chloride	1,1,2-trichloroethane	4	14	373.15	0.00016135	0.00041007	0.00040916	0.0004271
water	1,3-dichloro-2-propanol	4	11	373.15	2.4279E-05	0.00078433	n/a	n/a
water	2,2'-diethanolamine (DEA)	4	15	373.15	0.00011256	6.8281E-05	6.7423E-05	8.2428E-05
water	2,2'-diethanolamine (DEA)	4	44	365.15	5.7313E-06	6.0146E-06	8.102E-06	3.2638E-05
water	2,3-dichloro-1-propanol	4	12	373.15	0.00017365	0.00119908	0.00017365	n/a
water	2,3-epoxy-1-propanol	4	14	323.15	0.00060664	0.00010487	0.00013779	0.00011109
water	2,3-epoxy-1-propanol	4	13	373.15	0.00060177	4.8209E-05	0.00011549	5.8328E-05
water	2,5-dihydrofuran	4	18	473.15	3.6746E-05	n/a	4.7219E-05	4.1329E-05
water	2-methoxyphenol	4	14	372.00	0.00089745	0.00167533	n/a	n/a
water	3-amino-1-propanol	4	12	348.15	0.00138045	0.00206325	0.00160225	0.00143442
water	3-amino-1-propanol	4	12	358.15	0.0007884	0.00107385	0.00091733	0.00093637
water	3-amino-1-propanol	4	12	368.15	0.00069827	0.0010883	0.00078583	0.00058205
water	3-chloro-1,2-propanediol	4	14	323.15	0.00021615	0.00105467	0.00027314	0.0011786
water	3-chloro-1,2-propanediol	4	15	373.15	0.00032593	0.00083962	0.00045073	0.00101609
water	3-methoxy propionitrile	4	10	323.27	1.2364E-05	3.2212E-05	n/a	n/a
water	3-methoxy propionitrile	4	10	353.41	1.7819E-06	1.6754E-05	0.00013911	2.6884E-06
water	3-methoxy propionitrile	4	10	368.66	1.1419E-07	4.1086E-05	0.00013274	4.6813E-07
water	l-nicotine	4	33	298.15	0.00480347	0.00282702	0.00480448	0.00289989
water	monoethanolamine	4	14	351.15	0.00203839	0.00200275	0.00203999	0.00202005
water	monoethanolamine	4	14	364.85	0.00202777	0.00213569	0.00210876	0.00305945
water	monoethanolamine	4	15	298.15	0.00081031	0.00130005	0.00134538	0.00278431
water	monoethanolamine	4	15	308.15	0.0005288	0.00059532	0.0005987	0.00141115
water	N-methylethanolamine	4	15	298.15	0.00046109	0.00034765	0.00049457	0.00043531
water	N-methylethanolamine	4	15	308.15	0.00014931	0.00010413	0.00016699	0.00014941