

TABLE II.—Continued.

Pressure (bars) <sup>a</sup>	Specific volume cc/g						Pressure (bars) <sup>a</sup>	Specific volume cc/g					
	37.8°C	60.0°	79.4°	98.9°	115.0°	135.0°		37.8°C	60.0°	79.4°	98.9°	115.0°	135.0°
PSU 532, <i>n</i> -pentadecane							PSU 87, 9(2-phenylethyl)heptadecane						
3790.0				1.1655	1.1746	1.1854	8958.3				0.9865	0.9917	
4134.6				1.1559	1.1647	1.1754	9302.8					0.9873	
4479.2				1.1469	1.1555	1.1661	9647.4					0.9830	
4823.7					1.1469	1.1571							
5168.2					1.1390	1.1489							
5512.8					1.1316	1.1413							
5857.4						1.1338							
6201.9						1.1266							
6546.4						1.1196							
PSU 537, <i>n</i> -octadecane							PSU 88, 9(2-cyclohexylethyl)heptadecane						
atmos- pheric							atmos- pheric	1.2171	1.2395	1.2585	1.2788	1.2974	1.3203
344.6	1.3231	1.3468	1.3714	1.3941	1.4215	344.6	1.1909	1.2111	1.2251	1.2407	1.2557	1.2741	
689.1	1.2855	1.3049	1.3233	1.3392	1.3598	689.1	1.1701	1.1878	1.2006	1.2142	1.2265	1.2419	
1033.6	1.2572	1.2741	1.2905	1.3043	1.3216	1033.6	1.1524	1.1685	1.1803	1.1920	1.2035	1.2167	
1378.2	1.2344	1.2494	1.2638	1.2767	1.2919	1378.2	1.1373	1.1519	1.1627	1.1736	1.1842	1.1970	
1722.8		1.2287	1.2417	1.2539	1.2678	1722.8	1.1241	1.1375	1.1470	1.1574	1.1675	1.1792	
2067.3		1.2113	1.2227	1.2340	1.2472	2067.3	1.1123	1.1248	1.1333	1.1431	1.1529	1.1633	
2411.8		1.1960	1.2068	1.2171	1.2298	2411.8	1.1014	1.1135	1.1213	1.1303	1.1400	1.1496	
2756.4			1.1929	1.2026	1.2143	2756.4	1.0917	1.1032	1.1109	1.1191	1.1283	1.1372	
3101.0			1.1809	1.1900	1.2007	3101.0	1.0829	1.0938	1.1013	1.1089	1.1176	1.1259	
3445.5			1.1698	1.1782	1.1886	3445.5	1.0748	1.0853	1.0924	1.0996	1.1078	1.1156	
3790.0			1.1591	1.1674	1.1774	3790.0	1.0674	1.0774	1.0842	1.0909	1.0988	1.1061	
4134.6				1.1573	1.1668	4134.6		1.0701	1.0767	1.0829	1.0908	1.0975	
4479.2				1.1478	1.1573	4479.2		1.0630	1.0695	1.0752	1.0832	1.0900	
4823.7				1.1384	1.1482	4823.7		1.0563	1.0626	1.0683	1.0760	1.0828	
5168.2					1.1396	5168.2		1.0498	1.0558	1.0618	1.0690	1.0758	
5512.8					1.1316	5512.8			1.0496	1.0556	1.0622	1.0689	
					1.1239	5857.4			1.0437	1.0497	1.0559	1.0625	
						6201.9			1.0381	1.0440	1.0502	1.0565	
						6546.4				1.0385	1.0447	1.0507	
						6891.0				1.0331	1.0397	1.0451	
						7235.6				1.0280	1.0347	1.0397	
						7580.1				1.0232	1.0297	1.0345	
						7924.6				1.0185	1.0248	1.0296	
						8269.2				1.0138	1.0198	1.0247	
						8613.8					1.0153	1.0201	
						8958.3					1.0110	1.0156	
						9302.8					1.0069	1.0111	
						9647.4					1.0027	1.0068	
						9992.0						1.0027	
						10336.5						0.9987	
PSU 87, 9(2-phenylethyl)heptadecane							PSU 174, 1- $\alpha$ -naphthylpentadecane						
atmos- pheric	1.1847	1.2054	1.2243	1.2438	1.2626	1.2854	atmos- pheric	1.1255	1.1418	1.1586	1.1740	1.1927	
344.6	1.1608	1.1779	1.1933	1.2090	1.2247	1.2400	344.6	1.1030	1.1171	1.1314	1.1440	1.1599	
689.1	1.1403	1.1555	1.1694	1.1828	1.1963	1.2093	689.1	1.0847	1.0974	1.1100	1.1210	1.1354	
1033.6	1.1233	1.1373	1.1497	1.1619	1.1738	1.1856	1033.6		1.0808	1.0923	1.1025	1.1157	
1378.2	1.1089	1.1218	1.1334	1.1447	1.1554	1.1660	1378.2		1.0666	1.0774	1.0870	1.0988	
1722.8	1.0961	1.1081	1.1189	1.1293	1.1397	1.1491	1722.8		1.0541	1.0644	1.0730	1.0842	
2067.3	1.0849	1.0960	1.1061	1.1157	1.1255	1.1339	2067.3			1.0529	1.0606	1.0715	
2411.8	1.0747	1.0851	1.0948	1.1037	1.1126	1.1203	2411.8			1.0422	1.0496	1.0600	
2756.4	1.0653	1.0753	1.0845	1.0930	1.1010	1.1086	2756.4			1.0327	1.0397	1.0498	
3101.0	1.0567	1.0662	1.0748	1.0828	1.0905	1.0981	3101.0				1.0307	1.0403	
3445.5	1.0487	1.0578	1.0659	1.0736	1.0812	1.0822	3445.5				1.0223	1.0317	
3970.0	1.0409	1.0500	1.0578	1.0648	1.0727	1.0791	3790.0				1.0145	1.0237	
4134.6	1.0339	1.0426	1.0501	1.0570	1.0548	1.0709	4134.6				1.0072	1.0163	
4479.2		1.0357	1.0427	1.0498	1.0572	1.0633	4479.2					1.0092	
4823.7		1.0294	1.0358	1.0432	1.0502	1.0565	4823.7					1.0028	
5168.2		1.0232	1.0294	1.0366	1.0435	1.0499	5168.2					0.9967	
5512.8		1.0173	1.0234	1.0303	1.0371	1.0435	5512.8					0.9908	
5857.4			1.0175	1.0241	1.0311	1.0372							
6201.9			1.0119	1.0183	1.0254	1.0312							
6546.4			1.0065	1.0128	1.0198	1.0255							
6891.0			1.0017	1.0076	1.0143	1.0201							
7235.6				1.0027	1.0090	1.0149							
7580.1				0.9981	1.0041	1.0099							
7924.6				0.9937	0.9993	1.0052							
8269.2				0.9894	0.9948	1.0007							
8613.8					0.9905	0.9961							