

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D060425S.M
 Title : SW846 8260
 Last Update : Thu Jun 05 02:27:23 2025
 Response Via : Initial Calibration

Calibration Files

5 =VD080403.D 10 =VD080404.D 20 =VD080405.D 50 =VD080406.D 100 =VD080407.D 150 =VD080408.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.668	0.616	0.556	0.455	0.473	0.498	0.544	15.55
3) P	Chloromethane	1.152	1.090	1.031	0.842	0.830	0.818	0.961	15.43
4) C	Vinyl Chloride	1.257	1.207	1.111	0.974	0.957	0.961	1.078	12.37#
5) T	Bromomethane	0.858	0.790	0.705	0.583	0.546	0.580	0.677	18.89
6) T	Chloroethane	0.808	0.804	0.731	0.619	0.613	0.610	0.697	13.71
7) T	Trichlorofluor...	1.102	1.049	1.022	0.887	0.888	0.894	0.974	9.82
8) T	Diethyl Ether	0.374	0.343	0.328	0.279	0.297	0.312	0.322	10.51
9) T	1,1,2-Trichlor...	0.702	0.626	0.579	0.521	0.516	0.528	0.579	12.76
10) T	Methyl Iodide	0.517	0.541	0.572	0.597	0.638	0.673	0.589	9.96
11) T	Tert butyl alc...	0.045	0.042	0.037	0.031	0.035	0.037	0.038	13.37
12) CM	1,1-Dichloroet...	0.684	0.626	0.577	0.543	0.552	0.574	0.593	8.94#
13) T	Acrolein	0.066	0.064	0.060	0.050	0.052	0.056	0.058	11.07
14) T	Allyl chloride	1.043	1.041	0.990	0.927	0.981	1.019	1.000	4.42
15) T	Acrylonitrile	0.154	0.156	0.145	0.135	0.145	0.147	0.147	5.15
16) T	Acetone	0.158	0.150	0.118	0.107	0.109	0.107	0.125	18.44
17) T	Carbon Disulfide	2.316	2.219	2.121	1.892	1.893	1.939	2.064	8.80
18) T	Methyl Acetate	0.429	0.435	0.427	0.368	0.371	0.415	0.408	7.39
19) T	Methyl tert-bu...	1.307	1.285	1.306	1.267	1.372	1.419	1.326	4.35
20) T	Methylene Chlo...	0.861	0.825	0.720	0.642	0.643	0.650	0.723	13.53
21) T	trans-1,2-Dich...	0.662	0.666	0.643	0.611	0.621	0.637	0.640	3.41
22) T	Diisopropyl ether	1.849	1.976	2.042	1.942	2.014	2.040	1.977	3.74
23) T	Vinyl Acetate	1.132	1.112	1.116	1.105	1.192	1.205	1.144	3.81
24) P	1,1-Dichloroet...	1.325	1.272	1.226	1.100	1.119	1.133	1.196	7.72
25) T	2-Butanone	0.200	0.191	0.176	0.162	0.177	0.182	0.181	7.29
26) T	2,2-Dichloropr...	1.031	1.020	0.948	0.889	0.904	0.920	0.952	6.35
27) T	cis-1,2-Dichlo...	0.726	0.725	0.722	0.685	0.729	0.739	0.721	2.59
28) T	Bromochloromet...	0.590	0.564	0.552	0.488	0.490	0.491	0.529	8.51
29) T	Tetrahydrofuran	0.118	0.117	0.116	0.108	0.121	0.121	0.117	3.91
30) C	Chloroform	1.232	1.235	1.165	1.093	1.116	1.123	1.161	5.28#
31) T	Cyclohexane	1.297	1.108	1.039	0.996	1.013	1.038	1.082	10.37
32) T	1,1,1-Trichlor...	1.073	1.002	0.968	0.912	0.932	0.937	0.971	6.09
33) S	1,2-Dichloroet...	0.686	0.649	0.608	0.566	0.569	0.561	0.607	8.48
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.307	0.312	0.319	0.306	0.315	0.315	0.312	1.58
36) T	1,1-Dichloropr...	0.531	0.482	0.486	0.466	0.479	0.494	0.490	4.50
37) T	Ethyl Acetate	0.264	0.235	0.224	0.224	0.247	0.246	0.240	6.50
38) T	Carbon Tetrach...	0.521	0.514	0.507	0.467	0.477	0.483	0.495	4.47
39) T	Methylcyclohexane	0.607	0.525	0.528	0.570	0.618	0.632	0.580	7.98
40) TM	Benzene	1.543	1.517	1.531	1.462	1.536	1.561	1.525	2.23
41) T	Methacrylonitrile	0.175	0.124	0.128	0.143	0.148	0.150	0.145	12.52
42) TM	1,2-Dichloroet...	0.463	0.424	0.417	0.390	0.396	0.401	0.415	6.46
43) T	Isopropyl Acetate	0.473	0.442	0.446	0.427	0.471	0.479	0.456	4.61
44) TM	Trichloroethene	0.366	0.359	0.344	0.336	0.354	0.360	0.353	3.08
45) C	1,2-Dichloropr...	0.409	0.381	0.350	0.358	0.375	0.380	0.376	5.48#
46) T	Dibromomethane	0.224	0.194	0.183	0.193	0.202	0.204	0.200	6.87
47) T	Bromodichlorom...	0.540	0.525	0.473	0.489	0.511	0.509	0.508	4.73
48) T	Methyl methacr...	0.207	0.212	0.209	0.222	0.244	0.247	0.224	8.01
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.32
50) S	Toluene-d8	1.131	1.223	1.076	1.278	1.316	1.301	1.221	8.02
51) T	4-Methyl-2-Pen...	0.218	0.227	0.216	0.230	0.252	0.256	0.233	7.27
52) CM	Toluene	0.823	0.888	0.757	0.910	0.966	0.978	0.887	9.59#
53) T	t-1,3-Dichloro...	0.425	0.439	0.394	0.452	0.498	0.509	0.453	9.71
54) T	cis-1,3-Dichlo...	0.534	0.542	0.505	0.535	0.579	0.595	0.548	5.97
55) T	1,1,2-Trichlor...	0.273	0.264	0.223	0.260	0.269	0.273	0.260	7.31
56) T	Ethyl methacry...	0.295	0.304	0.276	0.336	0.387	0.387	0.331	14.45

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57)	T	1,3-Dichloropr...	0.443	0.454	0.397	0.435	0.473	0.478	0.447	6.58
58)	T	2-Chloroethyl ...	0.119	0.121	0.131	0.144	0.156	0.160	0.139	12.52
59)	T	2-Hexanone	0.149	0.146	0.140	0.157	0.173	0.175	0.157	9.27
60)	T	Dibromochlorom...	0.330	0.308	0.274	0.319	0.341	0.343	0.319	8.00
61)	T	1,2-Dibromoethane	0.240	0.220	0.198	0.233	0.249	0.254	0.232	8.95
62)	S	4-Bromofluorob...	0.351	0.293	0.388	0.406	0.433	0.428	0.383	13.86

63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.365	0.367	0.312	0.314	0.323	0.332	0.336	7.37
65)	PM	Chlorobenzene	1.188	1.079	1.093	1.046	1.097	1.133	1.106	4.43
66)	T	1,1,1,2-Tetrac...	0.405	0.357	0.360	0.358	0.368	0.380	0.371	5.02
67)	C	Ethyl Benzene	1.894	1.735	1.831	1.866	2.001	2.091	1.903	6.64#
68)	T	m/p-Xylenes	0.678	0.636	0.726	0.727	0.770	0.795	0.722	8.07
69)	T	o-Xylene	0.640	0.619	0.628	0.662	0.717	0.755	0.670	8.12
70)	T	Styrene	1.093	1.047	1.183	1.190	1.264	1.321	1.183	8.65
71)	P	Bromoform	0.233	0.195	0.201	0.205	0.214	0.212	0.210	6.25

72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.102	2.890	3.672	3.418	3.548	3.735	3.394	9.84
74)	T	N-amyl acetate	0.933	0.911	0.961	0.918	0.965	0.998	0.948	3.49
75)	P	1,1,2,2-Tetrac...	0.721	0.662	0.815	0.667	0.665	0.682	0.702	8.49
76)	T	1,2,3-Trichlor...	0.649	0.579	0.595	0.567	0.499	0.513	0.567	9.78
77)	T	Bromobenzene	0.826	0.726	0.974	0.820	0.839	0.865	0.842	9.51
78)	T	n-propylbenzene	4.297	3.787	4.943	4.353	4.446	4.619	4.408	8.69
79)	T	2-Chlorotoluene	2.516	2.206	2.759	2.488	2.526	2.624	2.520	7.27
80)	T	1,3,5-Trimethy...	2.670	2.487	3.172	2.959	3.016	3.129	2.905	9.32
81)	T	trans-1,4-Dich...	0.246	0.235	0.302	0.248	0.249	0.268	0.258	9.25
82)	T	4-Chlorotoluene	2.535	2.437	3.086	2.638	2.650	2.749	2.683	8.36
83)	T	tert-Butylbenzene	2.177	2.049	2.630	2.403	2.556	2.696	2.418	10.72
84)	T	1,2,4-Trimethy...	2.569	2.510	3.185	2.985	3.085	3.261	2.933	10.87
85)	T	sec-Butylbenzene	3.493	3.309	3.754	3.792	3.888	4.022	3.710	7.09
86)	T	p-Isopropyltol...	2.851	3.065	3.008	3.150	3.323	3.477	3.146	7.17
87)	T	1,3-Dichlorobe...	1.675	1.756	1.665	1.680	1.720	1.787	1.714	2.90
88)	T	1,4-Dichlorobe...	1.882	1.866	1.643	1.666	1.691	1.727	1.746	5.91
89)	T	n-Butylbenzene	3.126	2.978	2.906	3.071	3.212	3.330	3.104	4.98
90)	T	Hexachloroethane	0.730	0.690	0.647	0.624	0.631	0.648	0.662	6.18
91)	T	1,2-Dichlorobe...	1.661	1.440	1.483	1.443	1.500	1.535	1.510	5.41
92)	T	1,2-Dibromo-3-...	0.125	0.130	0.110	0.102	0.106	0.110	0.114	9.65
93)	T	1,2,4-Trichlor...	0.935	0.796	0.899	0.903	0.982	1.026	0.923	8.58
94)	T	Hexachlorobuta...	0.499	0.391	0.433	0.473	0.470	0.494	0.460	8.89
95)	T	Naphthalene	1.694	1.482	1.649	1.765	1.988	2.085	1.777	12.58
96)	T	1,2,3-Trichlor...	0.833	0.713	0.797	0.817	0.878	0.923	0.827	8.72

(#) = Out of Range