

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D050321S.M
 Title : SW846 8260
 Last Update : Mon May 03 14:04:08 2021
 Response Via : Initial Calibration

Calibration Files

10 =VD069037.D 5 =VD069036.D 20 =VD069038.D 50 =VD069039.D 100 =VD069040.D 150 =VD069041.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.694	0.582	0.630	0.594	0.546	0.537	0.597	9.74
3) P	Chloromethane	0.843	0.778	0.767	0.773	0.683	0.636	0.747	9.94
4) C	Vinyl Chloride	1.021	0.952	0.989	0.968	0.918	0.745	0.932	10.51#
5) T	Bromomethane	0.578	0.598	0.508	0.512	0.539	0.413	0.525	12.50
6) T	Chloroethane	0.654	0.400	0.359	0.537	0.576		0.505	24.34
7) T	Trichlorofluor...	1.150	1.124	1.049	1.065	0.971	0.942	1.050	7.80
8) T	Diethyl Ether	0.250	0.250	0.260	0.275	0.269	0.266	0.261	3.99
9) T	1,1,2-Trichlor...	0.588	0.662	0.580	0.582	0.510	0.510	0.572	9.94
10) T	Methyl Iodide	0.396	0.360	0.450	0.569	0.578	0.522	0.479	19.00
11) T	Tert butyl alc...	0.057	0.069	0.048	0.037	0.034	0.035	0.047	29.70
12) CM	1,1-Dichloroet...	0.548	0.531	0.523	0.542	0.504	0.490	0.523	4.27#
13) T	Acrolein	0.045	0.046	0.042	0.041	0.038	0.039	0.042	7.91
14) T	Allyl chloride	0.680	0.710	0.638	0.738	0.712	0.689	0.694	4.92
15) T	Acrylonitrile	0.115	0.114	0.114	0.121	0.117	0.119	0.117	2.48
16) T	Acetone	0.106	0.122	0.106	0.092	0.088	0.087	0.100	13.58
17) T	Carbon Disulfide	1.860	1.787	1.741	1.795	1.659	1.601	1.740	5.49
18) T	Methyl Acetate	0.246	0.296	0.259	0.272	0.249	0.256	0.263	6.97
19) T	Methyl tert-bu...	1.154	1.076	1.163	1.328	1.290	1.278	1.215	8.07
20) T	Methylene Chlo...	0.949	1.168	0.805	0.674	0.597	0.576	0.795	28.94
21) T	trans-1,2-Dich...	0.616	0.648	0.599	0.650	0.612	0.591	0.619	3.95
22) T	Diisopropyl ether	1.482	1.389	1.540	1.666	1.599	1.575	1.542	6.27
23) T	Vinyl Acetate	0.778	0.719	0.851	0.995	0.983	1.002	0.888	13.83
24) P	1,1-Dichloroet...	1.128	1.067	1.058	1.098	1.030	0.991	1.062	4.58
25) T	2-Butanone	0.137	0.137	0.138	0.149	0.140	0.145	0.141	3.60
26) T	2,2-Dichloropr...	0.981	1.050	0.984	0.999	0.923	0.905	0.974	5.40
27) T	cis-1,2-Dichlo...	0.657	0.642	0.660	0.695	0.684	0.655	0.666	2.98
28) T	Bromochloromet...	0.458	0.480	0.428	0.463	0.418	0.418	0.444	5.97
29) T	Tetrahydrofuran	0.086	0.087	0.087	0.093	0.091	0.094	0.090	3.91
30) C	Chloroform	1.186	1.198	1.162	1.209	1.131	1.087	1.162	3.99#
31) T	Cyclohexane	0.980	1.069	0.891	0.923	0.860	0.851	0.929	8.96
32) T	1,1,1-Trichlor...	1.141	1.100	1.049	1.079	1.014	0.984	1.061	5.42
33) S	1,2-Dichloroet...	0.607	0.645	0.609	0.650	0.635	0.643	0.631	3.03
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.316	0.323	0.313	0.348	0.347	0.337	0.331	4.64
36) T	1,1-Dichloropr...	0.496	0.490	0.482	0.530	0.499	0.487	0.497	3.47
37) T	Ethyl Acetate	0.176	0.200	0.196	0.196	0.190	0.202	0.193	4.79
38) T	Carbon Tetrach...	0.557	0.520	0.514	0.563	0.532	0.517	0.534	3.94
39) T	Methylcyclohexane	0.530	0.522	0.531	0.619	0.599	0.594	0.566	7.53
40) TM	Benzene	1.444	1.384	1.390	1.481	1.434	1.390	1.421	2.75
41) T	Methacrylonitrile	0.109	0.139	0.104	0.115	0.099	0.102	0.111	13.18
42) TM	1,2-Dichloroet...	0.451	0.455	0.445	0.475	0.436	0.437	0.450	3.21
43) T	Isopropyl Acetate	0.366	0.354	0.355	0.390	0.386	0.392	0.374	4.68
44) TM	Trichloroethene	0.381	0.362	0.355	0.390	0.368	0.360	0.369	3.69
45) C	1,2-Dichloropr...	0.351	0.336	0.341	0.377	0.349	0.343	0.350	4.16#
46) T	Dibromomethane	0.204	0.210	0.198	0.213	0.200	0.196	0.204	3.30
47) T	Bromodichlorom...	0.554	0.552	0.524	0.556	0.529	0.521	0.539	2.99
48) T	Methyl methacr...	0.147	0.140	0.156	0.210	0.183	0.188	0.170	16.01
49) T	1,4-Dioxane	0.003	0.002	0.002	0.003	0.002	0.003	0.002	8.30
50) S	Toluene-d8	1.117	1.085	1.150	1.331	1.335	1.330	1.225	9.76
51) T	4-Methyl-2-Pen...	0.172	0.173	0.185	0.207	0.202	0.208	0.191	8.55
52) CM	Toluene	0.869	0.833	0.875	0.966	0.940	0.919	0.900	5.52#
53) T	t-1,3-Dichloro...	0.469	0.448	0.448	0.500	0.490	0.494	0.475	4.94
54) T	cis-1,3-Dichlo...	0.535	0.513	0.516	0.574	0.564	0.570	0.545	5.02
55) T	1,1,2-Trichlor...	0.259	0.271	0.265	0.286	0.270	0.263	0.269	3.52
56) T	Ethyl methacry...	0.266	0.232	0.279	0.331	0.333	0.342	0.297	14.98

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57)	T	1,3-Dichloropr...	0.461	0.450	0.452	0.492	0.465	0.467	0.464	3.25
58)	T	2-Chloroethyl ...	0.143	0.131	0.155	0.177	0.175	0.177	0.160	12.36
59)	T	2-Hexanone	0.118	0.109	0.126	0.143	0.137	0.145	0.130	10.95
60)	T	Dibromochlorom...	0.338	0.352	0.344	0.358	0.345	0.351	0.348	2.06
61)	T	1,2-Dibromoethane	0.259	0.244	0.258	0.277	0.257	0.262	0.260	4.02
62)	S	4-Bromofluorob...	0.368	0.379	0.393	0.440	0.450	0.450	0.413	9.06
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.310	0.320	0.298	0.324	0.299	0.295	0.308	3.99
65)	PM	Chlorobenzene	0.985	1.048	0.970	1.072	0.996	0.974	1.008	4.22
66)	T	1,1,1,2-Tetrac...	0.395	0.373	0.385	0.405	0.377	0.368	0.384	3.71
67)	C	Ethyl Benzene	1.705	1.675	1.725	1.964	1.900	1.853	1.804	6.56#
68)	T	m/p-Xylenes	0.652	0.597	0.657	0.743	0.715	0.690	0.676	7.65
69)	T	o-Xylene	0.565	0.557	0.571	0.673	0.662	0.645	0.612	8.71
70)	T	Styrene	1.007	0.917	1.028	1.219	1.174	1.124	1.078	10.53
71)	P	Bromoform	0.187	0.191	0.195	0.208	0.194	0.195	0.195	3.48
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.379	2.964	3.334	3.802	3.592	3.703	3.462	8.79
74)	T	N-amyl acetate	0.672	0.628	0.733	0.804	0.815	0.878	0.755	12.53
75)	P	1,1,2,2-Tetrac...	0.676	0.680	0.656	0.696	0.634	0.666	0.668	3.24
76)	T	1,2,3-Trichlor...	0.450	0.543	0.514	0.477	0.433	0.448	0.477	9.01
77)	T	Bromobenzene	0.797	0.736	0.765	0.851	0.786	0.817	0.792	5.08
78)	T	n-propylbenzene	4.117	3.730	4.072	4.649	4.378	4.451	4.233	7.72
79)	T	2-Chlorotoluene	2.368	2.106	2.306	2.555	2.395	2.446	2.363	6.39
80)	T	1,3,5-Trimethy...	2.855	2.425	2.917	3.269	3.048	3.117	2.938	9.91
81)	T	trans-1,4-Dich...	0.187	0.207	0.191	0.221	0.195	0.209	0.202	6.41
82)	T	4-Chlorotoluene	2.500	2.374	2.547	2.737	2.569	2.576	2.550	4.62
83)	T	tert-Butylbenzene	2.338	2.179	2.326	2.667	2.498	2.581	2.432	7.49
84)	T	1,2,4-Trimethy...	2.894	2.462	2.958	3.288	3.136	3.159	2.983	9.80
85)	T	sec-Butylbenzene	3.440	3.065	3.378	3.842	3.586	3.626	3.489	7.55
86)	T	p-Isopropyltol...	2.942	2.682	3.083	3.596	3.379	3.400	3.180	10.67
87)	T	1,3-Dichlorobe...	1.621	1.565	1.626	1.690	1.587	1.569	1.610	2.92
88)	T	1,4-Dichlorobe...	1.672	1.568	1.577	1.676	1.557	1.539	1.598	3.76
89)	T	n-Butylbenzene	2.874	2.630	2.942	3.377	3.226	3.256	3.051	9.26
90)	T	Hexachloroethane	0.634	0.611	0.650	0.693	0.641	0.646	0.646	4.14
91)	T	1,2-Dichlorobe...	1.406	1.330	1.374	1.455	1.371	1.366	1.384	3.07
92)	T	1,2-Dibromo-3-...	0.116	0.118	0.108	0.116	0.106	0.114	0.113	4.16
93)	T	1,2,4-Trichlor...	0.845	0.774	0.831	0.886	0.861	0.881	0.846	4.86
94)	T	Hexachlorobuta...	0.520	0.442	0.455	0.505	0.473	0.463	0.476	6.35
95)	T	Naphthalene	1.451	1.335	1.453	1.749	1.738	1.832	1.593	12.83
96)	T	1,2,3-Trichlor...	0.725	0.644	0.734	0.792	0.754	0.771	0.737	6.98

(#) = Out of Range