

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D062121S.M
 Title : SW846 8260
 Last Update : Tue Jun 22 04:33:24 2021
 Response Via : Initial Calibration

Calibration Files

10 =VD069493.D 5 =VD069492.D 20 =VD069494.D 50 =VD069495.D 100 =VD069496.D 150 =VD069497.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.466	0.610	0.439	0.460	0.464	0.437	0.480	13.55
3) P	Chloromethane	0.688	0.887	0.633	0.688	0.684	0.629	0.702	13.56
4) C	Vinyl Chloride	0.763	0.924	0.720	0.792	0.778	0.715	0.782	9.74#
5) T	Bromomethane	0.503	0.672	0.460	0.484	0.468	0.451	0.506	16.40
6) T	Chloroethane	0.502	0.637	0.480	0.526	0.510	0.470	0.521	11.63
7) T	Trichlorofluor...	0.939	1.084	0.863	0.935	0.908	0.844	0.929	9.15
8) T	Diethyl Ether	0.228	0.241	0.224	0.254	0.267	0.260	0.246	7.07
9) T	1,1,2-Trichlor...	0.569	0.692	0.541	0.552	0.547	0.508	0.568	11.23
10) T	Methyl Iodide	0.337	0.381	0.354	0.521	0.566	0.546	0.451	23.17
11) T	Tert butyl alc...	0.052	0.079	0.045	0.032	0.030	0.029	0.044	43.30
12) CM	1,1-Dichloroet...	0.475	0.536	0.444	0.506	0.516	0.485	0.494	6.60#
13) T	Acrolein	0.031	0.030	0.030	0.039	0.040	0.039	0.035	14.43
14) T	Allyl chloride	0.582	0.717	0.619	0.725	0.764	0.746	0.692	10.66
15) T	Acrylonitrile	0.096	0.104	0.100	0.105	0.106	0.106	0.103	3.91
16) T	Acetone	0.105	0.129	0.094	0.107	0.099	0.096	0.105	12.29
17) T	Carbon Disulfide	1.500	1.897	1.430	1.691	1.666	1.570	1.626	10.17
18) T	Methyl Acetate	0.299	0.421	0.296	0.252	0.255	0.251	0.296	22.03
19) T	Methyl tert-bu...	0.867	0.928	0.876	1.026	1.068	1.058	0.970	9.43
20) T	Methylene Chlo...	0.996	1.436	0.758	0.668	0.648	0.602	0.851	37.48
21) T	trans-1,2-Dich...	0.548	0.662	0.551	0.620	0.620	0.574	0.596	7.62
22) T	Diisopropyl ether	1.236	1.227	1.334	1.506	1.551	1.515	1.395	10.56
23) T	Vinyl Acetate	0.611	0.560	0.664	0.882	0.935	0.933	0.764	22.40
24) P	1,1-Dichloroet...	1.098	1.219	1.028	1.110	1.110	1.065	1.105	5.80
25) T	2-Butanone	0.124	0.136	0.123	0.139	0.139	0.137	0.133	5.59
26) T	2,2-Dichloropr...	0.870	1.005	0.848	0.905	0.913	0.878	0.903	6.08
27) T	cis-1,2-Dichlo...	0.588	0.673	0.601	0.667	0.691	0.662	0.647	6.48
28) T	Bromochloromet...	0.413	0.477	0.398	0.434	0.443	0.431	0.433	6.24
29) T	Tetrahydrofuran	0.064	0.069	0.068	0.079	0.079	0.080	0.073	9.30
30) C	Chloroform	1.187	1.325	1.101	1.147	1.155	1.092	1.168	7.25#
31) T	Cyclohexane	0.787	1.013	0.740	0.835	0.848	0.812	0.839	11.10
32) T	1,1,1-Trichlor...	0.935	1.057	0.919	0.970	0.973	0.920	0.962	5.40
33) S	1,2-Dichloroet...	0.663	0.718	0.603	0.582	0.601	0.572	0.623	9.01
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.346	0.353	0.345	0.330	0.343	0.311	0.338	4.46
36) T	1,1-Dichloropr...	0.444	0.508	0.465	0.524	0.523	0.481	0.491	6.68
37) T	Ethyl Acetate	0.163	0.188	0.170	0.195	0.192	0.185	0.182	7.06
38) T	Carbon Tetrach...	0.477	0.524	0.455	0.506	0.499	0.454	0.486	5.86
39) T	Methylcyclohexane	0.401	0.458	0.429	0.539	0.556	0.521	0.484	13.13
40) TM	Benzene	1.342	1.472	1.347	1.471	1.485	1.371	1.415	4.81
41) T	Methacrylonitrile	0.092	0.133	0.092	0.096	0.112	0.110	0.106	14.93
42) TM	1,2-Dichloroet...	0.403	0.440	0.391	0.422	0.417	0.392	0.411	4.67
43) T	Isopropyl Acetate	0.304	0.308	0.320	0.350	0.352	0.350	0.331	6.87
44) TM	Trichloroethene	0.324	0.387	0.343	0.372	0.372	0.344	0.357	6.62
45) C	1,2-Dichloropr...	0.346	0.377	0.350	0.379	0.376	0.351	0.363	4.33#
46) T	Dibromomethane	0.184	0.194	0.190	0.196	0.195	0.182	0.190	3.16
47) T	Bromodichlorom...	0.498	0.537	0.500	0.522	0.520	0.487	0.511	3.65
48) T	Methyl methacr...	0.150	0.130	0.159	0.167	0.169	0.168	0.157	9.59
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	8.29
50) S	Toluene-d8	1.252	1.230	1.286	1.253	1.361	1.225	1.268	3.99
51) T	4-Methyl-2-Pen...	0.156	0.157	0.168	0.190	0.188	0.184	0.174	8.95
52) CM	Toluene	0.779	0.852	0.849	0.933	0.947	0.879	0.873	7.06#
53) T	t-1,3-Dichloro...	0.402	0.431	0.418	0.465	0.476	0.458	0.442	6.62
54) T	cis-1,3-Dichlo...	0.503	0.511	0.507	0.549	0.570	0.546	0.531	5.17
55) T	1,1,2-Trichlor...	0.274	0.282	0.263	0.272	0.269	0.251	0.269	3.88
56) T	Ethyl methacry...	0.232	0.246	0.260	0.317	0.331	0.325	0.285	15.37

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D062121S.M

57)	T	1,3-Dichloropr...	0.413	0.475	0.441	0.469	0.472	0.452	0.454	5.25
58)	T	2-Chloroethyl ...	0.123	0.123	0.144	0.166	0.173	0.168	0.150	15.35
59)	T	2-Hexanone	0.101	0.104	0.112	0.131	0.130	0.126	0.117	11.46
60)	T	Dibromochlorom...	0.298	0.331	0.308	0.329	0.327	0.307	0.317	4.36
61)	T	1,2-Dibromoethane	0.239	0.243	0.246	0.261	0.253	0.244	0.248	3.34
62)	S	4-Bromofluorob...	0.393	0.404	0.409	0.421	0.452	0.422	0.417	4.94
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.317	0.347	0.297	0.323	0.316	0.285	0.314	6.88
65)	PM	Chlorobenzene	0.959	1.091	0.917	1.020	1.024	0.955	0.994	6.30
66)	T	1,1,1,2-Tetrac...	0.353	0.382	0.342	0.370	0.373	0.349	0.362	4.30
67)	C	Ethyl Benzene	1.529	1.670	1.602	1.887	1.929	1.806	1.737	9.28#
68)	T	m/p-Xylenes	0.576	0.605	0.622	0.723	0.725	0.673	0.654	9.60
69)	T	o-Xylene	0.492	0.525	0.538	0.658	0.668	0.637	0.586	13.08
70)	T	Styrene	0.894	0.892	0.971	1.157	1.184	1.099	1.033	12.68
71)	P	Bromoform	0.181	0.193	0.174	0.190	0.186	0.175	0.183	4.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.951	3.143	3.145	3.805	3.886	3.738	3.445	11.86
74)	T	N-amyl acetate	0.618	0.610	0.621	0.760	0.792	0.796	0.699	13.14
75)	P	1,1,2,2-Tetrac...	0.668	0.744	0.675	0.708	0.688	0.669	0.692	4.27
76)	T	1,2,3-Trichlor...	0.466	0.519	0.467	0.515	0.495	0.483	0.491	4.70
77)	T	Bromobenzene	0.709	0.774	0.751	0.831	0.830	0.798	0.782	6.04
78)	T	n-propylbenzene	3.714	3.971	4.075	4.793	4.851	4.539	4.324	10.87
79)	T	2-Chlorotoluene	2.204	2.287	2.330	2.660	2.739	2.600	2.470	9.04
80)	T	1,3,5-Trimethy...	2.493	2.537	2.718	3.253	3.301	3.093	2.899	12.47
81)	T	trans-1,4-Dich...	0.184	0.190	0.184	0.204	0.210	0.207	0.197	6.07
82)	T	4-Chlorotoluene	2.426	2.469	2.537	2.842	2.902	2.715	2.648	7.56
83)	T	tert-Butylbenzene	1.945	2.016	2.166	2.712	2.679	2.648	2.361	15.12
84)	T	1,2,4-Trimethy...	2.430	2.545	2.718	3.222	3.284	3.093	2.882	12.68
85)	T	sec-Butylbenzene	3.188	3.191	3.431	4.037	4.054	3.787	3.615	11.04
86)	T	p-Isopropyltol...	2.582	2.582	2.813	3.476	3.498	3.305	3.043	14.26
87)	T	1,3-Dichlorobe...	1.498	1.684	1.512	1.678	1.671	1.570	1.602	5.40
88)	T	1,4-Dichlorobe...	1.562	1.719	1.492	1.651	1.633	1.520	1.596	5.40
89)	T	n-Butylbenzene	2.563	2.790	2.782	3.390	3.444	3.242	3.035	12.17
90)	T	Hexachloroethane	0.542	0.657	0.564	0.613	0.612	0.580	0.595	6.90
91)	T	1,2-Dichlorobe...	1.327	1.397	1.335	1.446	1.453	1.357	1.386	3.95
92)	T	1,2-Dibromo-3-...	0.106	0.114	0.103	0.101	0.105	0.102	0.105	4.59
93)	T	1,2,4-Trichlor...	0.649	0.758	0.721	0.848	0.854	0.810	0.773	10.35
94)	T	Hexachlorobuta...	0.458	0.536	0.441	0.512	0.496	0.467	0.485	7.40
95)	T	Naphthalene	1.079	1.101	1.209	1.554	1.640	1.624	1.368	19.46
96)	T	1,2,3-Trichlor...	0.616	0.648	0.632	0.747	0.738	0.708	0.681	8.31

(#) = Out of Range