

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D032922S.M
 Title : SW846 8260
 Last Update : Wed Mar 30 02:44:36 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD072461.D 5 =VD072467.D 20 =VD072462.D 50 =VD072463.D 100 =VD072464.D 150 =VD072465.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.387	0.336	0.394	0.445	0.421	0.398	0.397	9.26
3) P	Chloromethane	0.322	0.320	0.323	0.434	0.405	0.398	0.367	13.92
4) C	Vinyl Chloride	0.354	0.288	0.350	0.465	0.432	0.421	0.385	17.10#
5) T	Bromomethane	0.276	0.281	0.243	0.320	0.292	0.285	0.283	8.80
6) T	Chloroethane	0.246	0.213	0.261	0.316	0.300	0.285	0.270	13.99
7) T	Trichlorofluor...	0.809	0.692	0.839	0.993	0.932	0.902	0.861	12.27
8) T	Diethyl Ether	0.232	0.234	0.254	0.281	0.267	0.267	0.256	7.69
9) T	1,1,2-Trichlor...	0.559	0.508	0.563	0.635	0.600	0.580	0.574	7.46
10) T	Methyl Iodide	0.354	0.335	0.366	0.574	0.548	0.566	0.457	25.41
11) T	Tert butyl alc...	0.030	0.033	0.033	0.033	0.032	0.031	0.032	4.55
12) CM	1,1-Dichloroet...	0.392	0.381	0.402	0.529	0.501	0.489	0.449	14.37#
13) T	Acrolein	0.016	0.024	0.018	0.009	0.009	0.009	0.014	44.89
14) T	Allyl chloride	0.662	0.532	0.683	0.849	0.806	0.792	0.721	16.32
15) T	Acrylonitrile	0.124	0.123	0.131	0.136	0.129	0.125	0.128	3.83
16) T	Acetone	0.096	0.133	0.114	0.121	0.110	0.103	0.113	11.45
17) T	Carbon Disulfide	0.541	0.528	0.559	1.103	1.037	1.003	0.795	35.06
18) T	Methyl Acetate	0.352	0.344	0.359	0.292	0.283	0.277	0.318	11.85
19) T	Methyl tert-bu...	1.230	1.159	1.330	1.435	1.373	1.337	1.311	7.64
20) T	Methylene Chlo...	0.686	0.829	0.661	0.673	0.598	0.582	0.671	13.08
21) T	trans-1,2-Dich...	0.456	0.390	0.453	0.610	0.562	0.544	0.502	16.44
22) T	Diisopropyl ether	1.722	1.586	1.832	2.007	1.856	1.823	1.804	7.81
23) T	Vinyl Acetate	0.779	0.578	0.847	1.055	0.993	0.976	0.871	20.16
24) P	1,1-Dichloroet...	1.061	0.999	1.064	1.193	1.110	1.097	1.087	5.94
25) T	2-Butanone	0.146	0.150	0.160	0.171	0.158	0.151	0.156	5.65
26) T	2,2-Dichloropr...	0.902	0.852	0.971	1.055	1.019	0.995	0.966	7.84
27) T	cis-1,2-Dichlo...	0.654	0.598	0.657	0.766	0.711	0.706	0.682	8.56
28) T	Bromochloromet...	0.422	0.568	0.426	0.487	0.462	0.430	0.466	11.99
29) T	Tetrahydrofuran	0.086	0.089	0.095	0.105	0.098	0.094	0.094	7.00
30) C	Chloroform	1.230	1.105	1.275	1.316	1.214	1.199	1.223	5.89#
31) T	Cyclohexane	0.706	0.713	0.668	0.925	0.879	0.854	0.791	13.64
32) T	1,1,1-Trichlor...	1.020	0.877	1.032	1.150	1.084	1.062	1.037	8.78
33) S	1,2-Dichloroet...	0.597	0.714	0.662	0.604	0.532	0.521	0.605	12.27
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.403	0.431	0.414	0.393	0.345	0.346	0.389	9.19
36) T	1,1-Dichloropr...	0.402	0.368	0.412	0.545	0.506	0.498	0.455	15.52
37) T	Ethyl Acetate	0.191	0.205	0.196	0.226	0.209	0.207	0.206	5.82
38) T	Carbon Tetrach...	0.514	0.431	0.513	0.617	0.575	0.563	0.535	12.02
39) T	Methylcyclohexane	0.395	0.350	0.420	0.623	0.605	0.595	0.498	24.56
40) TM	Benzene	1.263	1.122	1.284	1.587	1.455	1.431	1.357	12.21
41) T	Methacrylonitrile	0.121	0.074	0.118	0.114	0.124	0.123	0.112	17.16
42) TM	1,2-Dichloroet...	0.398	0.383	0.401	0.465	0.424	0.417	0.415	6.91
43) T	Isopropyl Acetate	0.371	0.341	0.393	0.440	0.417	0.407	0.395	8.88
44) TM	Trichloroethene	0.357	0.323	0.364	0.447	0.414	0.406	0.385	11.71
45) C	1,2-Dichloropr...	0.388	0.320	0.370	0.419	0.385	0.382	0.377	8.56#
46) T	Dibromomethane	0.182	0.178	0.195	0.224	0.205	0.204	0.198	8.51
47) T	Bromodichlorom...	0.594	0.505	0.572	0.612	0.567	0.565	0.569	6.37
48) T	Methyl methacr...	0.169	0.170	0.192	0.209	0.206	0.205	0.192	9.62
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	5.42
50) S	Toluene-d8	1.376	1.480	1.429	1.371	1.215	1.232	1.351	7.86
51) T	4-Methyl-2-Pen...	0.198	0.195	0.214	0.234	0.219	0.211	0.212	6.75
52) CM	Toluene	0.845	0.707	0.861	1.061	0.973	0.961	0.902	13.71#
53) T	t-1,3-Dichloro...	0.484	0.408	0.479	0.563	0.520	0.520	0.496	10.58
54) T	cis-1,3-Dichlo...	0.564	0.518	0.570	0.659	0.605	0.601	0.586	8.12
55) T	1,1,2-Trichlor...	0.306	0.267	0.307	0.326	0.302	0.295	0.300	6.42
56) T	Ethyl methacry...	0.295	0.262	0.331	0.397	0.373	0.373	0.339	15.38

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57)	T	1,3-Dichloropr...	0.495	0.452	0.503	0.539	0.497	0.492	0.496	5.62
58)	T	2-Chloroethyl ...	0.120	0.157	0.142	0.163	0.152	0.156	0.148	10.44
59)	T	2-Hexanone	0.126	0.130	0.145	0.163	0.154	0.147	0.144	9.80
60)	T	Dibromochlorom...	0.373	0.360	0.408	0.417	0.386	0.381	0.387	5.54
61)	T	1,2-Dibromoethane	0.253	0.239	0.263	0.295	0.275	0.274	0.267	7.28
62)	S	4-Bromofluorob...	0.534	0.619	0.562	0.517	0.467	0.465	0.528	11.13
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.301	0.279	0.317	0.369	0.349	0.345	0.327	10.31
65)	PM	Chlorobenzene	1.115	0.985	1.086	1.230	1.146	1.146	1.118	7.27
66)	T	1,1,1,2-Tetrac...	0.452	0.403	0.452	0.481	0.446	0.448	0.447	5.64
67)	C	Ethyl Benzene	1.833	1.552	1.880	2.224	2.115	2.099	1.951	12.59#
68)	T	m/p-Xylenes	0.680	0.591	0.726	0.849	0.799	0.796	0.740	12.76
69)	T	o-Xylene	0.672	0.577	0.691	0.805	0.765	0.774	0.714	11.83
70)	T	Styrene	1.198	0.990	1.274	1.427	1.328	1.333	1.258	12.07
71)	P	Bromoform	0.236	0.224	0.252	0.250	0.231	0.227	0.237	4.97
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.809	3.131	4.029	4.559	4.347	4.352	4.038	12.82
74)	T	N-amyl acetate	0.797	0.701	0.844	0.932	0.907	0.903	0.847	10.24
75)	P	1,1,2,2-Tetrac...	0.795	0.749	0.802	0.777	0.733	0.733	0.765	4.04
76)	T	1,2,3-Trichlor...	0.509	0.535	0.513	0.640	0.495	0.580	0.545	10.13
77)	T	Bromobenzene	0.903	0.776	0.895	0.993	0.924	0.938	0.905	7.95
78)	T	n-propylbenzene	4.699	3.752	4.835	5.507	5.249	5.185	4.871	12.76
79)	T	2-Chlorotoluene	2.809	2.316	2.848	3.154	2.971	2.995	2.849	10.11
80)	T	1,3,5-Trimethy...	3.467	2.772	3.509	3.812	3.598	3.591	3.458	10.31
81)	T	trans-1,4-Dich...	0.207	0.193	0.221	0.241	0.236	0.236	0.222	8.63
82)	T	4-Chlorotoluene	2.957	2.513	2.998	3.224	3.059	3.051	2.967	8.10
83)	T	tert-Butylbenzene	2.917	2.396	2.994	3.297	3.182	3.178	2.994	10.81
84)	T	1,2,4-Trimethy...	3.282	2.727	3.534	3.695	3.538	3.516	3.382	10.26
85)	T	sec-Butylbenzene	4.409	3.515	4.623	5.028	4.787	4.696	4.510	11.70
86)	T	p-Isopropyltol...	3.556	2.873	3.803	4.094	3.902	3.890	3.686	11.80
87)	T	1,3-Dichlorobe...	1.916	1.693	1.903	1.988	1.869	1.884	1.875	5.25
88)	T	1,4-Dichlorobe...	1.914	1.787	1.936	1.984	1.870	1.850	1.890	3.68
89)	T	n-Butylbenzene	3.405	2.752	3.561	3.916	3.764	3.672	3.512	11.70
90)	T	Hexachloroethane	0.762	0.672	0.760	0.790	0.775	0.768	0.755	5.53
91)	T	1,2-Dichlorobe...	1.715	1.500	1.658	1.770	1.629	1.651	1.654	5.51
92)	T	1,2-Dibromo-3-...	0.110	0.097	0.123	0.117	0.117	0.115	0.113	7.89
93)	T	1,2,4-Trichlor...	0.981	0.905	1.080	1.108	1.039	1.038	1.025	7.12
94)	T	Hexachlorobuta...	0.592	0.520	0.597	0.603	0.570	0.563	0.574	5.36
95)	T	Naphthalene	1.882	1.918	1.986	2.108	2.046	2.014	1.992	4.17
96)	T	1,2,3-Trichlor...	0.878	0.841	0.911	0.960	0.894	0.885	0.895	4.41

(#) = Out of Range