

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D051221S.M
 Title : SW846 8260
 Last Update : Thu May 13 04:01:29 2021
 Response Via : Initial Calibration

Calibration Files

10 =VD069133.D 5 =VD069132.D 20 =VD069134.D 50 =VD069135.D 100 =VD069136.D 150 =VD069137.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.638	0.529	0.561	0.531	0.475	0.456	0.532	12.25
3) P	Chloromethane	0.717	0.686	0.649	0.587	0.528	0.499	0.611	14.33
4) C	Vinyl Chloride	0.928	0.860	0.816	0.832	0.717	0.679	0.805	11.46#
5) T	Bromomethane	0.698	0.711	0.589	0.566	0.538	0.532	0.606	13.09
6) T	Chloroethane	0.613	0.462	0.527	0.540	0.495	0.472	0.518	10.70
7) T	Trichlorofluor...	1.047	0.986	1.027	0.966	0.885	0.983	0.982	5.76
8) T	Diethyl Ether	0.222	0.215	0.221	0.241	0.223	0.223	0.224	3.99
9) T	1,1,2-Trichlor...	0.624	0.582	0.579	0.563	0.511	0.481	0.557	9.37
10) T	Methyl Iodide	0.462	0.422	0.499	0.622	0.606	0.574	0.531	15.39
11) T	Tert butyl alc...	0.048	0.054	0.029	0.027	0.024	0.023	0.034	38.57
12) CM	1,1-Dichloroet...	0.535	0.488	0.503	0.530	0.488	0.458	0.500	5.72#
13) T	Acrolein	0.042	0.040	0.038	0.044	0.039	0.041	0.041	5.11
14) T	Allyl chloride	0.586	0.517	0.545	0.576	0.542	0.527	0.549	4.92
15) T	Acrylonitrile	0.089	0.078	0.084	0.090	0.081	0.081	0.084	5.66
16) T	Acetone	0.085	0.081	0.074	0.084	0.068	0.068	0.077	9.97
17) T	Carbon Disulfide	1.836	1.704	1.713	1.682	1.548	1.467	1.658	7.92
18) T	Methyl Acetate	0.194	0.199	0.184	0.200	0.172	0.171	0.187	6.96
19) T	Methyl tert-bu...	0.911	0.772	0.904	1.002	0.932	0.926	0.908	8.28
20) T	Methylene Chlo...	1.062	1.222	0.794	0.685	0.574	0.540	0.813	33.80
21) T	trans-1,2-Dich...	0.646	0.574	0.603	0.619	0.570	0.547	0.593	6.10
22) T	Diisopropyl ether	1.162	0.920	1.113	1.207	1.101	1.073	1.096	9.00
23) T	Vinyl Acetate	0.624	0.497	0.626	0.743	0.693	0.698	0.647	13.37
24) P	1,1-Dichloroet...	1.033	0.956	0.977	0.979	0.883	0.853	0.947	7.03
25) T	2-Butanone	0.112	0.099	0.100	0.113	0.101	0.099	0.104	6.21
26) T	2,2-Dichloropr...	0.977	0.897	0.872	0.917	0.842	0.808	0.885	6.71
27) T	cis-1,2-Dichlo...	0.690	0.607	0.657	0.662	0.639	0.610	0.644	4.97
28) T	Bromochloromet...	0.333	0.382	0.337	0.345	0.318	0.310	0.338	7.42
29) T	Tetrahydrofuran	0.059	0.050	0.056	0.064	0.055	0.056	0.057	7.88
30) C	Chloroform	1.186	1.077	1.090	1.098	0.989	0.955	1.066	7.77#
31) T	Cyclohexane	0.810	0.869	0.716	0.731	0.684	0.646	0.743	11.09
32) T	1,1,1-Trichlor...	1.048	1.006	0.965	0.991	0.915	0.878	0.967	6.44
33) S	1,2-Dichloroet...	0.558	0.528	0.531	0.469	0.461	0.461	0.501	8.50
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.344	0.330	0.335	0.318	0.314	0.311	0.325	4.01
36) T	1,1-Dichloropr...	0.514	0.444	0.479	0.519	0.494	0.466	0.486	5.92
37) T	Ethyl Acetate	0.166	0.156	0.154	0.167	0.145	0.148	0.156	5.74
38) T	Carbon Tetrach...	0.569	0.540	0.552	0.568	0.530	0.502	0.543	4.69
39) T	Methylcyclohexane	0.505	0.435	0.495	0.565	0.554	0.522	0.513	9.10
40) TM	Benzene	1.491	1.313	1.380	1.463	1.389	1.318	1.392	5.24
41) T	Methacrylonitrile	0.086	0.072	0.071	0.085	0.094	0.091	0.083	11.65
42) TM	1,2-Dichloroet...	0.411	0.362	0.374	0.409	0.371	0.354	0.380	6.40
43) T	Isopropyl Acetate	0.300	0.252	0.261	0.312	0.289	0.289	0.284	8.19
44) TM	Trichloroethene	0.403	0.370	0.387	0.413	0.392	0.370	0.389	4.46
45) C	1,2-Dichloropr...	0.367	0.308	0.322	0.344	0.321	0.310	0.329	6.92#
46) T	Dibromomethane	0.211	0.196	0.188	0.210	0.192	0.182	0.196	5.95
47) T	Bromodichlorom...	0.545	0.468	0.497	0.540	0.486	0.465	0.500	6.98
48) T	Methyl methacr...	0.127	0.116	0.116	0.144	0.142	0.142	0.131	10.07
49) T	1,4-Dioxane	0.002	0.001	0.002	0.002	0.002	0.002	0.002	16.33
50) S	Toluene-d8	1.199	1.188	1.224	1.172	1.206	1.185	1.196	1.52
51) T	4-Methyl-2-Pen...	0.150	0.119	0.137	0.166	0.149	0.156	0.146	11.00
52) CM	Toluene	0.922	0.789	0.884	0.989	0.925	0.883	0.899	7.38#
53) T	t-1,3-Dichloro...	0.453	0.392	0.427	0.481	0.447	0.436	0.439	6.75
54) T	cis-1,3-Dichlo...	0.545	0.480	0.520	0.558	0.530	0.518	0.525	5.11
55) T	1,1,2-Trichlor...	0.285	0.258	0.263	0.282	0.256	0.245	0.265	5.94
56) T	Ethyl methacry...	0.252	0.195	0.243	0.310	0.294	0.292	0.264	16.16

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57)	T	1,3-Dichloropr...	0.458	0.380	0.416	0.470	0.428	0.415	0.428	7.57
58)	T	2-Chloroethyl ...	0.129	0.102	0.131	0.148	0.134	0.142	0.131	12.25
59)	T	2-Hexanone	0.101	0.075	0.092	0.112	0.103	0.102	0.097	13.10
60)	T	Dibromochlorom...	0.362	0.330	0.329	0.363	0.334	0.322	0.340	5.33
61)	T	1,2-Dibromoethane	0.276	0.255	0.262	0.286	0.250	0.241	0.262	6.33
62)	S	4-Bromofluorob...	0.394	0.376	0.376	0.381	0.388	0.393	0.385	2.12
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.378	0.330	0.346	0.367	0.347	0.318	0.347	6.42
65)	PM	Chlorobenzene	1.080	1.006	1.024	1.095	1.042	0.971	1.036	4.50
66)	T	1,1,1,2-Tetrac...	0.422	0.369	0.392	0.411	0.386	0.366	0.391	5.74
67)	C	Ethyl Benzene	1.769	1.502	1.724	1.960	1.935	1.810	1.783	9.31#
68)	T	m/p-Xylenes	0.702	0.573	0.696	0.770	0.755	0.698	0.699	9.90
69)	T	o-Xylene	0.590	0.487	0.613	0.708	0.690	0.642	0.622	12.79
70)	T	Styrene	1.088	0.824	1.089	1.216	1.193	1.100	1.085	12.85
71)	P	Bromoform	0.224	0.197	0.196	0.215	0.200	0.188	0.203	6.72
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.546	2.764	3.311	3.856	3.845	3.646	3.495	11.77
74)	T	N-amyl acetate	0.559	0.476	0.531	0.635	0.608	0.620	0.572	10.70
75)	P	1,1,2,2-Tetrac...	0.707	0.605	0.605	0.683	0.610	0.590	0.633	7.73
76)	T	1,2,3-Trichlor...	0.332	0.304	0.388	0.433	0.409	0.391	0.376	12.93
77)	T	Bromobenzene	0.841	0.737	0.808	0.894	0.862	0.833	0.829	6.45
78)	T	n-propylbenzene	4.137	3.422	4.108	4.686	4.598	4.348	4.217	10.77
79)	T	2-Chlorotoluene	2.336	2.013	2.328	2.536	2.477	2.387	2.346	7.78
80)	T	1,3,5-Trimethy...	2.770	2.246	2.869	3.212	3.180	3.011	2.881	12.33
81)	T	trans-1,4-Dich...	0.185	0.174	0.179	0.199	0.189	0.191	0.186	4.78
82)	T	4-Chlorotoluene	2.528	2.204	2.480	2.692	2.623	2.468	2.499	6.73
83)	T	tert-Butylbenzene	2.252	1.940	2.300	2.676	2.678	2.560	2.401	12.10
84)	T	1,2,4-Trimethy...	2.770	2.298	2.858	3.249	3.179	3.038	2.899	11.95
85)	T	sec-Butylbenzene	3.452	2.951	3.551	4.034	3.968	3.708	3.611	10.94
86)	T	p-Isopropyltol...	2.999	2.495	3.044	3.584	3.565	3.347	3.172	13.06
87)	T	1,3-Dichlorobe...	1.682	1.587	1.647	1.792	1.729	1.632	1.678	4.36
88)	T	1,4-Dichlorobe...	1.740	1.598	1.644	1.732	1.688	1.572	1.662	4.19
89)	T	n-Butylbenzene	2.778	2.452	2.814	3.382	3.267	3.041	2.956	11.64
90)	T	Hexachloroethane	0.614	0.551	0.591	0.627	0.621	0.562	0.594	5.38
91)	T	1,2-Dichlorobe...	1.508	1.335	1.405	1.564	1.459	1.377	1.441	5.93
92)	T	1,2-Dibromo-3-...	0.091	0.105	0.088	0.099	0.110	0.096	0.098	8.63
93)	T	1,2,4-Trichlor...	0.963	0.751	0.807	0.953	0.934	0.892	0.883	9.76
94)	T	Hexachlorobuta...	0.571	0.505	0.478	0.559	0.550	0.517	0.530	6.79
95)	T	Naphthalene	1.382	1.101	1.327	1.719	1.675	1.676	1.480	16.83
96)	T	1,2,3-Trichlor...	0.773	0.623	0.729	0.842	0.800	0.769	0.756	9.92

(#) = Out of Range