

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D091622S.M
 Title : SW846 8260
 Last Update : Sat Sep 17 04:16:54 2022
 Response Via : Initial Calibration

Calibration Files

10 =VD074325.D 5 =VD074324.D 20 =VD074326.D 50 =VD074327.D 100 =VD074328.D 150 =VD074329.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.528	0.449	0.491	0.439	0.429	0.428	0.461	8.73
3) P	Chloromethane	0.462	0.373	0.475	0.442	0.434	0.442	0.438	8.00
4) C	Vinyl Chloride	0.460	0.352	0.448	0.449	0.440	0.431	0.430	9.20#
5) T	Bromomethane	0.275	0.289	0.254	0.253	0.261	0.263	0.266	5.23
6) T	Chloroethane	0.284	0.201	0.261	0.261	0.256	0.251	0.253	10.92
7) T	Trichlorofluor...	0.889	0.754	0.858	0.858	0.834	0.834	0.838	5.47
8) T	Diethyl Ether	0.290	0.247	0.273	0.265	0.257	0.270	0.267	5.52
9) T	1,1,2-Trichlor...	0.560	0.507	0.527	0.525	0.522	0.520	0.527	3.35
10) T	Methyl Iodide	0.630	0.466	0.666	0.721	0.717	0.704	0.651	14.88
11) T	Tert butyl alc...	0.037	0.040	0.034	0.030	0.028	0.028	0.033	14.79
12) CM	1,1-Dichloroet...	0.554	0.501	0.540	0.540	0.543	0.539	0.536	3.35#
13) T	Acrolein	0.041	0.032	0.043	0.033	0.031	0.033	0.035	14.59
14) T	Allyl chloride	0.770	0.692	0.784	0.809	0.805	0.796	0.776	5.60
15) T	Acrylonitrile	0.116	0.109	0.124	0.122	0.116	0.119	0.118	4.66
16) T	Acetone	0.104	0.115	0.103	0.109	0.124	0.103	0.110	7.77
17) T	Carbon Disulfide	1.882	1.315	1.828	1.817	1.827	1.807	1.746	12.18
18) T	Methyl Acetate	0.305	0.446	0.317	0.298	0.293	0.296	0.326	18.23
19) T	Methyl tert-bu...	1.163	1.074	1.164	1.169	1.151	1.168	1.148	3.22
20) T	Methylene Chlo...	1.156	1.634	0.867	0.710	0.624	0.604	0.932	42.87
21) T	trans-1,2-Dich...	0.599	0.522	0.621	0.608	0.608	0.604	0.594	6.02
22) T	Diisopropyl ether	1.632	1.494	1.657	1.721	1.658	1.644	1.634	4.62
23) T	Vinyl Acetate	0.672	0.558	0.721	0.823	0.841	0.870	0.748	16.05
24) P	1,1-Dichloroet...	1.082	0.956	1.071	1.089	1.053	1.060	1.052	4.66
25) T	2-Butanone	0.172	0.180	0.156	0.160	0.162	0.151	0.163	6.56
26) T	2,2-Dichloropr...	0.860	0.923	0.802	0.851	0.886	0.888	0.868	4.73
27) T	cis-1,2-Dichlo...	0.662	0.613	0.670	0.664	0.667	0.672	0.658	3.40
28) T	Bromochloromet...	0.418	0.357	0.407	0.430	0.415	0.411	0.406	6.27
29) T	Tetrahydrofuran	0.095	0.089	0.097	0.098	0.091	0.093	0.094	3.50
30) C	Chloroform	1.103	0.994	1.049	1.045	1.012	1.003	1.034	3.90#
31) T	Cyclohexane	1.090	1.009	1.028	1.011	0.990	0.999	1.021	3.53
32) T	1,1,1-Trichlor...	0.930	0.876	0.941	0.909	0.907	0.912	0.913	2.45
33) S	1,2-Dichloroet...	0.468	0.518	0.473	0.489	0.487	0.486	0.487	3.56
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.376	0.317	0.385	0.301	0.299	0.299	0.329	12.20
36) T	1,1-Dichloropr...	0.512	0.459	0.510	0.505	0.517	0.513	0.503	4.29
37) T	Ethyl Acetate	0.208	0.189	0.214	0.206	0.197	0.195	0.201	4.60
38) T	Carbon Tetrach...	0.435	0.392	0.445	0.456	0.470	0.474	0.445	6.75
39) T	Methylcyclohexane	0.621	0.501	0.614	0.616	0.641	0.655	0.608	9.03
40) TM	Benzene	1.437	1.293	1.444	1.406	1.436	1.442	1.409	4.18
41) T	Methacrylonitrile	0.105	0.101	0.101	0.113	0.126	0.111	0.109	8.63
42) TM	1,2-Dichloroet...	0.366	0.362	0.367	0.357	0.354	0.355	0.360	1.49
43) T	Isopropyl Acetate	0.382	0.346	0.374	0.375	0.373	0.379	0.372	3.48
44) TM	Trichloroethene	0.382	0.337	0.376	0.371	0.377	0.381	0.371	4.57
45) C	1,2-Dichloropr...	0.362	0.335	0.354	0.353	0.362	0.361	0.354	2.89#
46) T	Dibromomethane	0.190	0.168	0.181	0.187	0.185	0.183	0.182	4.14
47) T	Bromodichlorom...	0.436	0.427	0.461	0.463	0.451	0.456	0.449	3.27
48) T	Methyl methacr...	0.182	0.162	0.190	0.186	0.179	0.181	0.180	5.45
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.07
50) S	Toluene-d8	0.948	1.176	0.931	1.228	1.264	1.270	1.136	13.74
51) T	4-Methyl-2-Pen...	0.194	0.196	0.193	0.201	0.193	0.195	0.195	1.55
52) CM	Toluene	0.871	0.778	0.882	0.891	0.897	0.891	0.868	5.21#
53) T	t-1,3-Dichloro...	0.376	0.338	0.386	0.419	0.435	0.450	0.401	10.45
54) T	cis-1,3-Dichlo...	0.519	0.458	0.505	0.531	0.545	0.551	0.518	6.52
55) T	1,1,2-Trichlor...	0.251	0.225	0.241	0.244	0.236	0.243	0.240	3.75
56) T	Ethyl methacry...	0.298	0.288	0.311	0.333	0.330	0.329	0.315	6.03

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57)	T	1,3-Dichloropr...	0.444	0.414	0.441	0.439	0.434	0.433	0.434	2.47
58)	T	2-Chloroethyl ...	0.061	0.075	0.066	0.082	0.091	0.106	0.080	20.81
59)	T	2-Hexanone	0.132	0.135	0.139	0.138	0.140	0.135	0.137	2.40
60)	T	Dibromochlorom...	0.283	0.277	0.297	0.294	0.288	0.285	0.288	2.55
61)	T	1,2-Dibromoethane	0.240	0.219	0.235	0.235	0.228	0.228	0.231	3.26
62)	S	4-Bromofluorob...	0.587	0.384	0.595	0.365	0.359	0.358	0.441	26.45
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.367	0.326	0.324	0.345	0.332	0.339	0.339	4.68
65)	PM	Chlorobenzene	1.050	1.009	1.012	1.046	1.041	1.022	1.030	1.75
66)	T	1,1,1,2-Tetrac...	0.337	0.348	0.343	0.363	0.365	0.367	0.354	3.60
67)	C	Ethyl Benzene	1.835	1.698	1.833	1.977	2.005	1.991	1.890	6.43#
68)	T	m/p-Xylenes	0.740	0.656	0.707	0.746	0.748	0.746	0.724	5.09
69)	T	o-Xylene	0.651	0.565	0.645	0.699	0.706	0.703	0.662	8.22
70)	T	Styrene	1.105	1.021	1.118	1.184	1.167	1.166	1.127	5.35
71)	P	Bromoform	0.187	0.195	0.194	0.196	0.184	0.183	0.190	3.02
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.773	3.399	3.701	4.016	4.089	4.096	3.846	7.13
74)	T	N-amyl acetate	0.838	0.772	0.821	0.903	0.878	0.887	0.850	5.79
75)	P	1,1,2,2-Tetrac...	0.678	0.642	0.656	0.700	0.668	0.665	0.668	2.93
76)	T	1,2,3-Trichlor...	0.461	0.519	0.445	0.461	0.436	0.452	0.463	6.37
77)	T	Bromobenzene	0.829	0.801	0.819	0.858	0.864	0.871	0.840	3.35
78)	T	n-propylbenzene	4.636	4.235	4.682	4.957	5.045	5.067	4.770	6.70
79)	T	2-Chlorotoluene	2.494	2.263	2.464	2.597	2.643	2.633	2.516	5.71
80)	T	1,3,5-Trimethy...	3.042	2.812	3.122	3.274	3.299	3.316	3.144	6.23
81)	T	trans-1,4-Dich...	0.171	0.186	0.156	0.188	0.197	0.210	0.185	10.37
82)	T	4-Chlorotoluene	2.599	2.374	2.589	2.715	2.669	2.707	2.609	4.85
83)	T	tert-Butylbenzene	2.732	2.536	2.704	2.907	2.925	2.927	2.788	5.69
84)	T	1,2,4-Trimethy...	2.971	2.760	3.072	3.215	3.226	3.317	3.094	6.61
85)	T	sec-Butylbenzene	4.065	3.537	4.074	4.386	4.359	4.406	4.138	8.04
86)	T	p-Isopropyltol...	3.336	3.026	3.428	3.597	3.641	3.720	3.458	7.36
87)	T	1,3-Dichlorobe...	1.751	1.606	1.677	1.771	1.756	1.804	1.727	4.21
88)	T	1,4-Dichlorobe...	1.645	1.697	1.692	1.700	1.691	1.704	1.688	1.29
89)	T	n-Butylbenzene	3.239	3.032	3.337	3.575	3.540	3.600	3.387	6.67
90)	T	Hexachloroethane	0.674	0.620	0.609	0.660	0.663	0.690	0.653	4.82
91)	T	1,2-Dichlorobe...	1.422	1.453	1.438	1.483	1.468	1.476	1.456	1.61
92)	T	1,2-Dibromo-3-...	0.113	0.106	0.087	0.100	0.093	0.098	0.099	9.03
93)	T	1,2,4-Trichlor...	0.943	0.948	0.950	1.002	1.014	1.037	0.982	4.11
94)	T	Hexachlorobuta...	0.529	0.542	0.535	0.591	0.563	0.588	0.558	4.86
95)	T	Naphthalene	1.717	1.726	1.721	1.891	1.924	1.948	1.821	6.09
96)	T	1,2,3-Trichlor...	0.819	0.836	0.802	0.862	0.858	0.890	0.844	3.79

(#) = Out of Range