

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y082924S.M
 Title : SW846 8260
 Last Update : Fri Aug 30 02:45:30 2024
 Response Via : Initial Calibration

Calibration Files

5 =VY019370.D 10 =VY019371.D 20 =VY019372.D 50 =VY019373.D 100 =VY019374.D 150 =VY019375.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.526	0.464	0.412	0.380	0.331	0.332	0.407	18.92
3) P	Chloromethane	0.825	0.783	0.655	0.610	0.568	0.537	0.663	17.65
4) C	Vinyl Chloride	0.976	0.843	0.729	0.727	0.651	0.636	0.760	16.91#
5) T	Bromomethane	0.747	0.637	0.551	0.480	0.491	0.452	0.560	20.18
6) T	Chloroethane	0.595	0.523	0.470	0.402	0.416	0.374	0.463	18.01
7) T	Trichlorofluor...	1.031	0.940	0.856	0.995	0.857	0.723	0.900	12.44
8) T	Diethyl Ether	0.248	0.215	0.217	0.209	0.219	0.166	0.213	12.51
9) T	1,1,2-Trichlor...	0.640	0.558	0.468	0.505	0.438	0.457	0.511	14.90
10) T	Methyl Iodide	0.475	0.500	0.482	0.537	0.511	0.483	0.498	4.69
11) T	Tert butyl alc...	0.036	0.025	0.025	0.026	0.027	0.021	0.027	18.20
12) CM	1,1-Dichloroet...	0.564	0.486	0.436	0.462	0.424	0.424	0.466	11.55#
13) T	Acrolein	0.038	0.033	0.034	0.030	0.031	0.021	0.031	18.94
14) T	Allyl chloride	0.713	0.643	0.617	0.647	0.619	0.622	0.643	5.62
15) T	Acrylonitrile	0.106	0.079	0.084	0.085	0.092	0.074	0.087	13.00
16) T	Acetone	0.121	0.091	0.086	0.097	0.093	0.070	0.093	17.97
17) T	Carbon Disulfide	1.573	1.430	1.255	1.352	1.227	1.234	1.346	10.17
18) T	Methyl Acetate	0.258	0.214	0.188	0.189	0.207	0.177	0.206	14.11
19) T	Methyl tert-bu...	1.162	1.037	1.025	1.039	1.107	1.005	1.063	5.64
20) T	Methylene Chlo...	1.345	0.900	0.641	0.534	0.491	0.438	0.725	47.61
21) T	trans-1,2-Dich...	0.614	0.540	0.508	0.516	0.497	0.510	0.531	8.12
22) T	Diisopropyl ether	1.596	1.397	1.344	1.418	1.514	1.417	1.448	6.31
23) T	Vinyl Acetate	0.878	0.761	0.756	0.790	0.892	0.757	0.806	7.78
24) P	1,1-Dichloroet...	1.022	0.915	0.827	0.854	0.816	0.815	0.875	9.27
25) T	2-Butanone	0.142	0.115	0.115	0.129	0.136	0.110	0.125	10.42
26) T	2,2-Dichloropr...	0.850	0.804	0.696	0.763	0.712	0.747	0.762	7.55
27) T	cis-1,2-Dichlo...	0.696	0.625	0.562	0.591	0.585	0.588	0.608	7.80
28) T	Bromochloromet...	0.438	0.391	0.330	0.315	0.362	0.321	0.359	13.34
29) T	Tetrahydrofuran	0.087	0.071	0.070	0.073	0.081	0.068	0.075	10.08
30) C	Chloroform	1.161	1.000	0.917	0.951	0.937	0.909	0.979	9.68#
31) T	Cyclohexane	1.015	0.879	0.717	0.765	0.704	0.752	0.805	14.87
32) T	1,1,1-Trichlor...	0.998	0.980	0.827	0.907	0.863	0.878	0.909	7.42
33) S	1,2-Dichloroet...	0.574	0.441	0.444	0.478	0.496	0.408	0.474	12.25
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.381	0.300	0.286	0.324	0.314	0.291	0.316	10.96
36) T	1,1-Dichloropr...	0.485	0.461	0.410	0.455	0.417	0.452	0.447	6.37
37) T	Ethyl Acetate	0.202	0.167	0.172	0.174	0.188	0.156	0.177	9.15
38) T	Carbon Tetrach...	0.596	0.558	0.496	0.558	0.511	0.547	0.544	6.62
39) T	Methylcyclohexane	0.607	0.570	0.511	0.602	0.534	0.613	0.573	7.39
40) TM	Benzene	1.522	1.378	1.256	1.343	1.309	1.350	1.360	6.62
41) T	Methacrylonitrile	0.116	0.089	0.103	0.117	0.124	0.091	0.107	13.97
42) TM	1,2-Dichloroet...	0.420	0.379	0.339	0.348	0.361	0.319	0.361	9.80
43) T	Isopropyl Acetate	0.383	0.312	0.330	0.340	0.376	0.330	0.345	8.15
44) TM	Trichloroethene	0.436	0.381	0.341	0.379	0.345	0.359	0.373	9.35
45) C	1,2-Dichloropr...	0.346	0.294	0.270	0.288	0.285	0.284	0.295	8.93#
46) T	Dibromomethane	0.211	0.179	0.167	0.169	0.176	0.160	0.177	10.03
47) T	Bromodichlorom...	0.520	0.468	0.442	0.462	0.468	0.448	0.468	5.86
48) T	Methyl methacr...	0.161	0.157	0.154	0.166	0.183	0.158	0.163	6.44
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	12.21
50) S	Toluene-d8	1.258	1.067	1.051	1.227	1.238	1.142	1.164	7.77
51) T	4-Methyl-2-Pen...	0.195	0.168	0.167	0.182	0.202	0.171	0.181	8.10
52) CM	Toluene	0.926	0.869	0.809	0.904	0.933	0.907	0.891	5.15#
53) T	t-1,3-Dichloro...	0.420	0.358	0.335	0.398	0.421	0.388	0.387	8.91
54) T	cis-1,3-Dichlo...	0.496	0.444	0.426	0.452	0.470	0.458	0.458	5.21
55) T	1,1,2-Trichlor...	0.262	0.224	0.221	0.226	0.211	0.213	0.226	8.24
56) T	Ethyl methacry...	0.284	0.271	0.273	0.297	0.338	0.300	0.294	8.41

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57)	T	1,3-Dichloropr...	0.428	0.386	0.363	0.363	0.320	0.356	0.369	9.74
58)	T	2-Chloroethyl ...	0.136	0.110	0.131	0.129	0.155	0.129	0.132	10.91
59)	T	2-Hexanone	0.130	0.115	0.116	0.129	0.111	0.118	0.120	6.35
60)	T	Dibromochlorom...	0.351	0.304	0.303	0.310	0.279	0.302	0.308	7.61
61)	T	1,2-Dibromoethane	0.241	0.210	0.197	0.204	0.198	0.200	0.208	7.96
62)	S	4-Bromofluorob...	0.489	0.349	0.292	0.347	0.421	0.361	0.376	18.25
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.547	0.487	0.527	0.475	0.450	0.444	0.488	8.46
65)	PM	Chlorobenzene	1.245	1.131	1.052	1.106	1.076	1.102	1.119	6.02
66)	T	1,1,1,2-Tetrac...	0.415	0.390	0.364	0.382	0.392	0.383	0.388	4.31
67)	C	Ethyl Benzene	1.983	1.968	1.840	2.026	1.901	2.017	1.956	3.68#
68)	T	m/p-Xylenes	0.820	0.772	0.745	0.814	0.711	0.781	0.774	5.34
69)	T	o-Xylene	0.795	0.713	0.630	0.751	0.706	0.728	0.721	7.60
70)	T	Styrene	1.176	1.143	1.063	1.280	1.205	1.209	1.179	6.18
71)	P	Bromoform	0.221	0.202	0.181	0.201	0.237	0.195	0.206	9.67
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.978	4.949	3.134	4.573	3.087	4.201	3.987	18.94
74)	T	N-amyl acetate	0.711	0.880	0.586	0.971	0.644	0.808	0.767	19.11
75)	P	1,1,2,2-Tetrac...	0.600	0.709	0.496	0.607	0.581	0.562	0.593	11.71
76)	T	1,2,3-Trichlor...	0.501	0.551	0.361	0.412	0.431	0.378	0.439	16.71
77)	T	Bromobenzene	1.021	1.147	0.723	0.970	0.861	0.914	0.939	15.38
78)	T	n-propylbenzene	4.872	5.757	3.884	5.184	4.321	4.884	4.817	13.59
79)	T	2-Chlorotoluene	2.681	3.234	2.350	2.752	2.408	2.677	2.684	11.72
80)	T	1,3,5-Trimethy...	3.275	3.674	2.516	3.165	2.941	3.277	3.141	12.34
81)	T	trans-1,4-Dich...	0.174	0.212	0.149	0.190	0.162	0.178	0.177	12.24
82)	T	4-Chlorotoluene	2.907	3.251	2.276	2.643	2.493	2.718	2.715	12.45
83)	T	tert-Butylbenzene	2.949	3.295	2.184	3.030	2.698	3.082	2.873	13.56
84)	T	1,2,4-Trimethy...	3.122	3.387	2.280	3.162	2.942	3.200	3.016	12.85
85)	T	sec-Butylbenzene	4.402	4.592	3.501	4.479	3.894	4.396	4.211	10.03
86)	T	p-Isopropyltol...	3.595	3.356	3.016	3.665	3.293	3.653	3.430	7.47
87)	T	1,3-Dichlorobe...	1.900	1.741	1.488	1.795	1.668	1.777	1.728	8.10
88)	T	1,4-Dichlorobe...	1.893	1.763	1.660	1.715	1.620	1.694	1.724	5.55
89)	T	n-Butylbenzene	3.186	3.222	2.968	3.256	2.977	3.300	3.151	4.55
90)	T	Hexachloroethane	0.731	0.738	0.631	0.710	0.641	0.719	0.695	6.72
91)	T	1,2-Dichlorobe...	1.663	1.611	1.441	1.507	1.444	1.484	1.525	6.02
92)	T	1,2-Dibromo-3-...	0.122	0.057	0.084	0.072	0.088	0.082	0.084	25.72
93)	T	1,2,4-Trichlor...	0.889	0.569	0.768	0.961	0.862	0.652	0.784	19.13
94)	T	Hexachlorobuta...	0.564	0.339	0.481	0.614	0.465	0.361	0.471	23.05
95)	T	Naphthalene	1.313	0.904	1.220	1.553	1.572	1.136	1.283	19.91
96)	T	1,2,3-Trichlor...	0.781	0.527	0.623	0.803	0.729	0.560	0.670	17.44

(#) = Out of Range