

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y092821S.M
 Title : SW846 8260
 Last Update : Tue Sep 28 17:44:36 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY006181.D 10 =VY006182.D 20 =VY006183.D 50 =VY006184.D 100 =VY006185.D 150 =VY006186.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.458	0.544	0.621	0.496	0.473	0.452	0.507	12.79
3) P	Chloromethane	0.550	0.594	0.629	0.603	0.582	0.587	0.591	4.41
4) C	Vinyl Chloride	0.656	0.689	0.724	0.646	0.613	0.600	0.655	7.12#
5) T	Bromomethane	0.465	0.461	0.489	0.393	0.369	0.376	0.425	12.18
6) T	Chloroethane	0.380	0.389	0.429	0.389	0.363	0.362	0.385	6.33
7) T	Trichlorofluor...	0.854	0.875	0.959	0.855	0.829	0.803	0.862	6.23
8) T	Diethyl Ether	0.280	0.280	0.310	0.291	0.273	0.276	0.285	4.77
9) T	1,1,2-Trichlor...	0.457	0.471	0.505	0.452	0.443	0.435	0.460	5.42
10) T	Methyl Iodide	0.421	0.437	0.522	0.528	0.552	0.550	0.502	11.49
11) T	Tert butyl alc...	0.048	0.045	0.054	0.047	0.044	0.042	0.047	8.65
12) CM	1,1-Dichloroet...	0.464	0.473	0.507	0.464	0.457	0.446	0.468	4.47#
13) T	Acrolein	0.033	0.020	0.022	0.035	0.034	0.035	0.030	22.49
14) T	Allyl chloride	0.851	0.843	0.996	0.910	0.896	0.908	0.901	6.09
15) T	Acrylonitrile	0.145	0.142	0.167	0.154	0.145	0.146	0.150	6.20
16) T	Acetone	0.138	0.132	0.153	0.176	0.158	0.140	0.149	10.88
17) T	Carbon Disulfide	1.537	1.587	1.741	1.552	1.505	1.476	1.566	6.00
18) T	Methyl Acetate	0.490	0.471	0.564	0.520	0.482	0.497	0.504	6.72
19) T	Methyl tert-bu...	1.270	1.300	1.515	1.417	1.344	1.360	1.368	6.45
20) T	Methylene Chlo...	0.777	0.588	0.612	0.529	0.497	0.487	0.582	18.52
21) T	trans-1,2-Dich...	0.508	0.502	0.571	0.518	0.511	0.505	0.519	4.95
22) T	Diisopropyl ether	1.668	1.729	1.979	1.807	1.744	1.762	1.782	6.00
23) T	Vinyl Acetate	0.981	1.012	1.196	1.104	1.052	1.062	1.068	7.09
24) P	1,1-Dichloroet...	0.950	0.934	1.045	0.950	0.928	0.932	0.956	4.65
25) T	2-Butanone	0.187	0.191	0.226	0.230	0.213	0.203	0.208	8.63
26) T	2,2-Dichloropr...	0.857	0.871	0.967	0.867	0.851	0.835	0.875	5.35
27) T	cis-1,2-Dichlo...	0.563	0.567	0.635	0.584	0.566	0.574	0.581	4.69
28) T	Bromochloromet...	0.392	0.405	0.414	0.390	0.390	0.399	0.398	2.49
29) T	Tetrahydrofuran	0.126	0.122	0.147	0.138	0.128	0.128	0.132	6.93
30) C	Chloroform	0.946	0.952	1.039	0.953	0.917	0.917	0.954	4.71#
31) T	Cyclohexane	1.106	1.055	1.093	0.966	0.950	0.914	1.014	7.98
32) T	1,1,1-Trichlor...	0.858	0.860	0.977	0.879	0.862	0.849	0.881	5.44
33) S	1,2-Dichloroet...	0.572	0.548	0.559	0.520	0.503	0.508	0.535	5.39
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.272	0.270	0.279	0.257	0.261	0.263	0.267	3.09
36) T	1,1-Dichloropr...	0.480	0.500	0.539	0.486	0.493	0.487	0.497	4.29
37) T	Ethyl Acetate	0.290	0.269	0.326	0.296	0.278	0.279	0.290	6.99
38) T	Carbon Tetrach...	0.510	0.511	0.578	0.520	0.524	0.508	0.525	5.05
39) T	Methylcyclohexane	0.599	0.619	0.665	0.624	0.635	0.608	0.625	3.70
40) TM	Benzene	1.347	1.384	1.540	1.405	1.400	1.391	1.411	4.69
41) T	Methacrylonitrile	0.188	0.197	0.198	0.187	0.178	0.179	0.188	4.60
42) TM	1,2-Dichloroet...	0.441	0.439	0.499	0.460	0.445	0.443	0.455	5.10
43) T	Isopropyl Acetate	0.507	0.520	0.619	0.572	0.557	0.560	0.556	7.19
44) TM	Trichloroethene	0.358	0.362	0.396	0.360	0.359	0.351	0.365	4.41
45) C	1,2-Dichloropr...	0.340	0.336	0.375	0.345	0.341	0.348	0.347	4.10#
46) T	Dibromomethane	0.175	0.181	0.202	0.189	0.181	0.182	0.185	5.08
47) T	Bromodichlorom...	0.451	0.458	0.521	0.481	0.472	0.476	0.476	5.14
48) T	Methyl methacr...	0.229	0.248	0.304	0.281	0.270	0.267	0.267	9.69
49) T	1,4-Dioxane	0.002	0.002	0.003	0.002	0.002	0.002	0.002	9.66
50) S	Toluene-d8	1.166	1.130	1.163	1.075	1.086	1.087	1.118	3.63
51) T	4-Methyl-2-Pen...	0.262	0.270	0.323	0.304	0.287	0.285	0.289	7.73
52) CM	Toluene	0.825	0.862	0.953	0.876	0.874	0.862	0.875	4.82#
53) T	t-1,3-Dichloro...	0.497	0.489	0.570	0.526	0.518	0.517	0.519	5.48
54) T	cis-1,3-Dichlo...	0.532	0.550	0.624	0.581	0.572	0.567	0.571	5.49
55) T	1,1,2-Trichlor...	0.242	0.251	0.290	0.268	0.257	0.253	0.260	6.45
56) T	Ethyl methacry...	0.340	0.377	0.434	0.418	0.405	0.399	0.396	8.40

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57)	T	1,3-Dichloropr...	0.456	0.448	0.518	0.481	0.465	0.459	0.471	5.35
58)	T	2-Chloroethyl ...	0.186	0.186	0.206	0.198	0.193	0.194	0.194	4.00
59)	T	2-Hexanone	0.182	0.186	0.234	0.224	0.208	0.199	0.206	10.03
60)	T	Dibromochlorom...	0.296	0.301	0.347	0.324	0.315	0.315	0.316	5.81
61)	T	1,2-Dibromoethane	0.231	0.239	0.271	0.255	0.241	0.241	0.246	5.89
62)	S	4-Bromofluorob...	0.386	0.392	0.398	0.370	0.365	0.367	0.380	3.74
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.406	0.409	0.450	0.396	0.388	0.369	0.403	6.77
65)	PM	Chlorobenzene	0.960	0.971	1.077	0.995	0.974	0.968	0.991	4.42
66)	T	1,1,1,2-Tetrac...	0.348	0.351	0.394	0.369	0.364	0.364	0.365	4.51
67)	C	Ethyl Benzene	1.728	1.809	2.027	1.878	1.895	1.868	1.867	5.31#
68)	T	m/p-Xylenes	0.668	0.676	0.771	0.712	0.720	0.705	0.709	5.18
69)	T	o-Xylene	0.618	0.633	0.740	0.675	0.680	0.671	0.669	6.38
70)	T	Styrene	1.026	1.064	1.245	1.164	1.165	1.155	1.137	6.94
71)	P	Bromoform	0.213	0.216	0.250	0.236	0.225	0.223	0.227	6.06
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.313	3.463	3.835	3.600	3.673	3.606	3.582	4.99
74)	T	N-amyl acetate	0.989	1.030	1.205	1.177	1.136	1.132	1.112	7.58
75)	P	1,1,2,2-Tetrac...	0.624	0.601	0.703	0.661	0.644	0.648	0.647	5.40
76)	T	1,2,3-Trichlor...	0.539	0.435	0.530	0.475	0.461	0.476	0.486	8.35
77)	T	Bromobenzene	0.797	0.819	0.894	0.846	0.842	0.841	0.840	3.86
78)	T	n-propylbenzene	4.135	4.271	4.753	4.408	4.492	4.392	4.409	4.75
79)	T	2-Chlorotoluene	2.282	2.388	2.631	2.437	2.456	2.443	2.440	4.65
80)	T	1,3,5-Trimethy...	2.808	2.898	3.228	3.009	3.046	2.980	2.995	4.77
81)	T	trans-1,4-Dich...	0.226	0.225	0.269	0.258	0.253	0.253	0.247	7.31
82)	T	4-Chlorotoluene	2.432	2.462	2.693	2.518	2.521	2.512	2.523	3.59
83)	T	tert-Butylbenzene	2.373	2.492	2.795	2.561	2.613	2.529	2.560	5.48
84)	T	1,2,4-Trimethy...	2.742	2.849	3.194	2.973	3.019	2.966	2.957	5.20
85)	T	sec-Butylbenzene	3.616	3.801	4.192	3.900	3.918	3.789	3.869	4.94
86)	T	p-Isopropyltol...	2.986	3.211	3.519	3.288	3.333	3.253	3.265	5.32
87)	T	1,3-Dichlorobe...	1.599	1.616	1.794	1.653	1.676	1.645	1.664	4.16
88)	T	1,4-Dichlorobe...	1.632	1.614	1.770	1.633	1.614	1.580	1.640	4.03
89)	T	n-Butylbenzene	2.958	2.999	3.371	3.097	3.147	3.044	3.102	4.77
90)	T	Hexachloroethane	0.576	0.585	0.626	0.594	0.597	0.579	0.593	3.04
91)	T	1,2-Dichlorobe...	1.411	1.431	1.574	1.457	1.446	1.409	1.455	4.23
92)	T	1,2-Dibromo-3-...	0.126	0.117	0.133	0.124	0.120	0.120	0.123	4.58
93)	T	1,2,4-Trichlor...	0.914	0.930	1.042	0.964	0.969	0.949	0.961	4.67
94)	T	Hexachlorobuta...	0.631	0.632	0.666	0.623	0.619	0.591	0.627	3.86
95)	T	Naphthalene	1.840	1.767	2.058	1.968	1.911	1.917	1.910	5.27
96)	T	1,2,3-Trichlor...	0.840	0.819	0.925	0.850	0.849	0.830	0.852	4.38

(#) = Out of Range