

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y062822S.M
 Title : SW846 8260
 Last Update : Wed Jun 29 17:35:34 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY009364.D 10 =VY009365.D 20 =VY009366.D 50 =VY009360.D 100 =VY009361.D 150 =VY009362.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.498	0.467	0.422	0.357	0.357	0.368	0.412	14.76
3) P	Chloromethane	0.567	0.500	0.451	0.388	0.397	0.384	0.448	16.51
4) C	Vinyl Chloride	0.648	0.563	0.539	0.478	0.456	0.424	0.518	15.83#
5) T	Bromomethane	0.420	0.381	0.331	0.274	0.287	0.302	0.332	17.29
6) T	Chloroethane	0.311	0.338	0.287	0.250	0.241	0.230	0.276	15.52
7) T	Trichlorofluor...	0.802	0.775	0.715	0.634	0.614	0.586	0.687	13.05
8) T	Diethyl Ether	0.305	0.292	0.270	0.236	0.260	0.248	0.269	9.70
9) T	1,1,2-Trichlor...	0.581	0.529	0.507	0.433	0.459	0.449	0.493	11.42
10) T	Methyl Iodide	0.450	0.488	0.582	0.564	0.590	0.572	0.541	10.68
11) T	Tert butyl alc...	0.146	0.130	0.096	0.057	0.060	0.055	0.091	43.82
12) CM	1,1-Dichloroet...	0.532	0.467	0.452	0.397	0.424	0.424	0.449	10.52#
13) T	Acrolein	0.039	0.038	0.038	0.027	0.030	0.028	0.033	17.02
14) T	Allyl chloride	0.932	0.854	0.819	0.765	0.814	0.758	0.824	7.77
15) T	Acrylonitrile	0.150	0.163	0.166	0.143	0.156	0.136	0.152	7.62
16) T	Acetone	0.151	0.150	0.130	0.111	0.136	0.111	0.132	13.62
17) T	Carbon Disulfide	1.543	1.278	1.235	1.110	1.171	1.164	1.250	12.40
18) T	Methyl Acetate	0.568	0.424	0.412	0.318	0.353	0.309	0.397	24.14
19) T	Methyl tert-bu...	1.327	1.431	1.401	1.276	1.382	1.270	1.348	4.98
20) T	Methylene Chlo...	1.443	1.016	0.781	0.538	0.563	0.545	0.814	44.22
21) T	trans-1,2-Dich...	0.590	0.551	0.538	0.509	0.533	0.508	0.538	5.67
22) T	Diisopropyl ether	1.776	1.908	1.877	1.785	1.623	1.460	1.738	9.70
23) T	Vinyl Acetate	0.985	1.181	1.195	1.119	1.089	0.963	1.089	8.95
24) P	1,1-Dichloroet...	1.038	1.013	1.021	0.929	0.969	0.894	0.977	5.82
25) T	2-Butanone	0.230	0.234	0.223	0.193	0.204	0.167	0.209	12.32
26) T	2,2-Dichloropr...	1.094	1.014	0.914	0.843	0.863	0.821	0.925	11.65
27) T	cis-1,2-Dichlo...	0.682	0.639	0.627	0.605	0.618	0.580	0.625	5.52
28) T	Bromochloromet...	0.418	0.436	0.427	0.453	0.415	0.369	0.420	6.77
29) T	Tetrahydrofuran	0.137	0.152	0.145	0.130	0.129	0.108	0.134	11.39
30) C	Chloroform	1.081	1.057	1.026	0.958	0.980	0.924	1.004	6.05#
31) T	Cyclohexane	1.178	0.949	0.887	0.821	0.813	0.756	0.901	16.79
32) T	1,1,1-Trichlor...	1.012	0.925	0.885	0.849	0.881	0.845	0.899	6.93
33) S	1,2-Dichloroet...	0.457	0.436	0.412	0.378	0.374	0.346	0.400	10.48
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.301	0.277	0.281	0.268	0.265	0.260	0.275	5.38
36) T	1,1-Dichloropr...	0.528	0.512	0.474	0.470	0.458	0.445	0.481	6.68
37) T	Ethyl Acetate	0.313	0.299	0.307	0.279	0.274	0.239	0.285	9.58
38) T	Carbon Tetrach...	0.544	0.518	0.485	0.493	0.489	0.488	0.503	4.65
39) T	Methylcyclohexane	0.648	0.561	0.545	0.563	0.556	0.544	0.569	6.89
40) TM	Benzene	1.528	1.440	1.426	1.402	1.352	1.295	1.407	5.66
41) T	Methacrylonitrile	0.149	0.122	0.189	0.191	0.167	0.148	0.161	16.60
42) TM	1,2-Dichloroet...	0.421	0.439	0.412	0.398	0.384	0.369	0.404	6.27
43) T	Isopropyl Acetate	0.515	0.577	0.551	0.524	0.513	0.462	0.524	7.46
44) TM	Trichloroethene	0.419	0.413	0.396	0.375	0.376	0.367	0.391	5.57
45) C	1,2-Dichloropr...	0.382	0.366	0.361	0.365	0.342	0.323	0.356	5.85#
46) T	Dibromomethane	0.220	0.211	0.209	0.202	0.197	0.186	0.204	5.80
47) T	Bromodichlorom...	0.506	0.499	0.491	0.478	0.474	0.453	0.484	3.97
48) T	Methyl methacr...	0.219	0.245	0.238	0.226	0.224	0.202	0.226	6.73
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	7.19
50) S	Toluene-d8	0.932	0.828	0.869	0.861	0.802	0.771	0.844	6.71
51) T	4-Methyl-2-Pen...	0.261	0.302	0.299	0.271	0.260	0.228	0.270	10.27
52) CM	Toluene	0.927	0.926	0.907	0.907	0.854	0.806	0.888	5.40#
53) T	t-1,3-Dichloro...	0.506	0.527	0.380	0.518	0.499	0.473	0.484	11.15
54) T	cis-1,3-Dichlo...	0.593	0.583	0.598	0.588	0.567	0.537	0.578	3.89
55) T	1,1,2-Trichlor...	0.280	0.307	0.224	0.284	0.279	0.256	0.272	10.51
56) T	Ethyl methacry...	0.298	0.368	0.280	0.389	0.392	0.353	0.347	13.62

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57)	T	1,3-Dichloropr...	0.491	0.503	0.488	0.498	0.470	0.437	0.481	5.10
58)	T	2-Chloroethyl ...	0.185	0.189	0.194	0.204	0.198	0.182	0.192	4.27
59)	T	2-Hexanone	0.178	0.204	0.207	0.188	0.185	0.158	0.187	9.61
60)	T	Dibromochlorom...	0.338	0.346	0.354	0.354	0.345	0.326	0.344	3.07
61)	T	1,2-Dibromoethane	0.276	0.279	0.284	0.270	0.276	0.253	0.273	3.94
62)	S	4-Bromofluorob...	0.449	0.396	0.422	0.406	0.375	0.352	0.400	8.57
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.639	0.478	0.411	0.437	0.425	0.405	0.465	19.05
65)	PM	Chlorobenzene	1.172	1.083	1.096	1.048	1.034	0.986	1.070	5.93
66)	T	1,1,1,2-Tetrac...	0.413	0.406	0.401	0.380	0.388	0.366	0.392	4.44
67)	C	Ethyl Benzene	1.929	1.887	1.902	1.847	1.823	1.748	1.856	3.50#
68)	T	m/p-Xylenes	0.833	0.753	0.764	0.716	0.706	0.680	0.742	7.32
69)	T	o-Xylene	0.759	0.710	0.710	0.688	0.678	0.657	0.700	5.02
70)	T	Styrene	1.227	1.146	1.194	1.160	1.139	1.096	1.160	3.95
71)	P	Bromoform	0.273	0.251	0.239	0.239	0.248	0.229	0.247	6.15
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.834	3.722	3.547	3.686	3.720	3.649	3.693	2.56
74)	T	N-amyl acetate	0.846	1.053	0.997	0.984	0.991	0.942	0.969	7.23
75)	P	1,1,2,2-Tetrac...	0.768	0.749	0.714	0.692	0.713	0.656	0.715	5.58
76)	T	1,2,3-Trichlor...	0.649	0.691	0.623	0.530	0.529	0.492	0.586	13.58
77)	T	Bromobenzene	0.927	0.913	0.846	0.865	0.878	0.853	0.880	3.76
78)	T	n-propylbenzene	4.803	4.540	4.433	4.389	4.458	4.332	4.492	3.72
79)	T	2-Chlorotoluene	2.773	2.570	2.462	2.477	2.507	2.426	2.536	4.96
80)	T	1,3,5-Trimethy...	3.229	3.121	3.046	3.067	3.068	3.001	3.088	2.56
81)	T	trans-1,4-Dich...	0.250	0.280	0.263	0.263	0.271	0.251	0.263	4.42
82)	T	4-Chlorotoluene	2.830	2.738	2.602	2.581	2.557	2.503	2.635	4.68
83)	T	tert-Butylbenzene	2.849	2.100	2.579	2.693	2.714	2.634	2.595	9.98
84)	T	1,2,4-Trimethy...	3.190	2.409	3.038	3.032	3.031	2.908	2.935	9.30
85)	T	sec-Butylbenzene	4.337	3.310	3.964	3.990	3.994	3.854	3.908	8.58
86)	T	p-Isopropyltol...	3.521	3.024	3.315	3.338	3.305	3.216	3.286	4.95
87)	T	1,3-Dichlorobe...	1.969	1.716	1.751	1.694	1.683	1.623	1.739	6.92
88)	T	1,4-Dichlorobe...	2.041	1.878	1.798	1.707	1.690	1.625	1.790	8.47
89)	T	n-Butylbenzene	3.372	3.162	3.128	2.782	3.099	2.985	3.088	6.35
90)	T	Hexachloroethane	0.747	0.652	0.628	0.627	0.639	0.616	0.652	7.45
91)	T	1,2-Dichlorobe...	1.709	1.669	1.605	1.490	1.523	1.469	1.577	6.27
92)	T	1,2-Dibromo-3-...	0.106	0.128	0.134	0.113	0.125	0.114	0.120	8.86
93)	T	1,2,4-Trichlor...	1.050	0.905	0.923	0.888	0.949	0.903	0.936	6.36
94)	T	Hexachlorobuta...	0.606	0.540	0.525	0.502	0.510	0.471	0.526	8.69
95)	T	Naphthalene	1.845	1.720	1.886	1.869	2.025	1.904	1.875	5.24
96)	T	1,2,3-Trichlor...	0.866	0.811	0.815	0.796	0.812	0.781	0.814	3.54

(#) = Out of Range