

Method Path : Z:\voasrv\HPCHEM1\MSVOA_W\Method\
 Method File : 82W110521S.M
 Title : SW846 8260
 Last Update : Thu Nov 04 19:17:56 2021
 Response Via : Initial Calibration

Calibration Files

10 =VW020759.D 5 =VW020765.D 20 =VW020760.D 50 =VW020761.D 100 =VW020762.D 150 =VW020763.D

Compound		10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.084	0.085	0.086	0.121	0.132	0.128	0.106	21.82
3) P	Chloromethane	0.347	0.384	0.323	0.352	0.307	0.313	0.338	8.60
4) C	Vinyl Chloride	0.409	0.431	0.391	0.489	0.441	0.435	0.433	7.67#
5) T	Bromomethane	0.265	0.285	0.238	0.277	0.258	0.265	0.265	6.08
6) T	Chloroethane	0.162	0.184	0.145	0.181	0.185	0.180	0.173	9.35
7) T	Trichlorofluor...	0.215	0.256	0.198	0.243	0.225	0.227	0.227	9.10
8) T	Diethyl Ether	0.194	0.216	0.201	0.236	0.224	0.223	0.216	7.29
9) T	1,1,2-Trichlor...	0.407	0.447	0.399	0.482	0.443	0.451	0.438	6.98
10) T	Methyl Iodide	0.478	0.550	0.502	0.658	0.607	0.609	0.567	12.22
11) T	Tert butyl alc...	0.031	0.035	0.029	0.033	0.033	0.031	0.032	7.02
12) CM	1,1-Dichloroet...	0.399	0.458	0.385	0.474	0.443	0.445	0.434	7.99#
13) T	Acrolein	0.010	0.011	0.011	0.009	0.009	0.009	0.010	12.67
14) T	Allyl chloride	0.692	0.768	0.660	0.830	0.760	0.753	0.744	8.10
15) T	Acrylonitrile	0.093	0.093	0.089	0.109	0.107	0.099	0.098	8.40
16) T	Acetone	0.089	0.120	0.083	0.128	0.123	0.115	0.110	17.34
17) T	Carbon Disulfide	1.061	1.273	1.047	1.304	1.222	1.226	1.189	9.14
18) T	Methyl Acetate	0.360	0.354	0.352	0.391	0.389	0.356	0.367	4.89
19) T	Methyl tert-bu...	0.621	0.688	0.597	0.717	0.650	0.610	0.647	7.30
20) T	Methylene Chlo...	0.810	0.820	0.591	0.550	0.482	0.457	0.618	25.81
21) T	trans-1,2-Dich...	0.433	0.495	0.418	0.525	0.489	0.483	0.474	8.56
22) T	Diisopropyl ether	1.337	1.488	1.311	1.646	1.521	1.488	1.465	8.46
23) T	Vinyl Acetate	0.686	0.728	0.697	0.899	0.865	0.818	0.782	11.59
24) P	1,1-Dichloroet...	0.800	0.888	0.782	0.959	0.895	0.893	0.870	7.63
25) T	2-Butanone	0.123	0.141	0.122	0.161	0.158	0.144	0.141	11.82
26) T	2,2-Dichloropr...	0.525	0.599	0.500	0.613	0.548	0.539	0.554	7.85
27) T	cis-1,2-Dichlo...	0.499	0.546	0.469	0.594	0.544	0.544	0.533	8.17
28) T	Bromochloromet...	0.386	0.395	0.369	0.417	0.387	0.383	0.389	4.14
29) T	Tetrahydrofuran	0.079	0.091	0.077	0.095	0.096	0.087	0.088	9.15
30) C	Chloroform	0.828	0.920	0.798	0.975	0.908	0.914	0.891	7.35#
31) T	Cyclohexane	0.876	1.057	0.793	0.973	0.871	0.857	0.905	10.45
32) T	1,1,1-Trichlor...	0.715	0.774	0.671	0.820	0.756	0.761	0.749	6.80
33) S	1,2-Dichloroet...	0.545	0.515	0.525	0.541	0.562	0.519	0.535	3.34
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.336	0.364	0.321	0.339	0.354	0.325	0.340	4.91
36) T	1,1-Dichloropr...	0.413	0.487	0.410	0.520	0.490	0.478	0.466	9.58
37) T	Ethyl Acetate	0.177	0.194	0.177	0.219	0.230	0.204	0.200	10.86
38) T	Carbon Tetrach...	0.448	0.518	0.428	0.531	0.502	0.490	0.486	8.27
39) T	Methylcyclohexane	0.549	0.629	0.523	0.678	0.629	0.623	0.605	9.55
40) TM	Benzene	1.254	1.567	1.129	1.443	1.349	1.330	1.345	11.22
41) T	Methacrylonitrile	0.109	0.113	0.113	0.131	0.134	0.123	0.121	8.59
42) TM	1,2-Dichloroet...	0.358	0.383	0.347	0.426	0.421	0.401	0.389	8.39
43) T	Isopropyl Acetate	0.382	0.390	0.363	0.469	0.475	0.431	0.418	11.29
44) TM	Trichloroethene	0.333	0.394	0.316	0.396	0.377	0.368	0.364	9.00
45) C	1,2-Dichloropr...	0.302	0.324	0.283	0.349	0.340	0.324	0.320	7.62#
46) T	Dibromomethane	0.156	0.177	0.151	0.191	0.188	0.178	0.174	9.54
47) T	Bromodichlorom...	0.424	0.473	0.404	0.500	0.492	0.475	0.461	8.35
48) T	Methyl methacr...	0.169	0.183	0.163	0.223	0.227	0.207	0.195	14.28
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.003	0.002	0.002	13.17
50) S	Toluene-d8	1.331	1.371	1.255	1.317	1.365	1.288	1.321	3.40
51) T	4-Methyl-2-Pen...	0.192	0.194	0.184	0.228	0.233	0.206	0.206	9.76
52) CM	Toluene	0.749	0.855	0.738	0.931	0.881	0.851	0.834	9.09#
53) T	t-1,3-Dichloro...	0.421	0.449	0.414	0.520	0.514	0.485	0.467	9.81
54) T	cis-1,3-Dichlo...	0.493	0.528	0.468	0.589	0.571	0.546	0.532	8.62
55) T	1,1,2-Trichlor...	0.215	0.237	0.209	0.255	0.253	0.238	0.235	8.08
56) T	Ethyl methacry...	0.312	0.326	0.293	0.370	0.370	0.339	0.335	9.28

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57)	T	1,3-Dichloropr...	0.354	0.408	0.369	0.452	0.450	0.417	0.408	9.97
58)	T	2-Chloroethyl ...	0.147	0.142	0.147	0.145	0.148	0.135	0.144	3.36
59)	T	2-Hexanone	0.133	0.150	0.131	0.168	0.172	0.150	0.151	11.33
60)	T	Dibromochlorom...	0.285	0.314	0.279	0.334	0.335	0.321	0.311	7.77
61)	T	1,2-Dibromoethane	0.221	0.233	0.211	0.259	0.256	0.237	0.236	8.08
62)	S	4-Bromofluorob...	0.482	0.513	0.476	0.515	0.523	0.488	0.500	4.03
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.324	0.371	0.313	0.396	0.378	0.355	0.356	9.06
65)	PM	Chlorobenzene	0.919	1.055	0.878	1.093	1.051	1.013	1.002	8.46
66)	T	1,1,1,2-Tetrac...	0.328	0.388	0.330	0.426	0.404	0.381	0.376	10.54
67)	C	Ethyl Benzene	1.688	1.944	1.611	2.056	1.941	1.878	1.853	9.15#
68)	T	m/p-Xylenes	0.640	0.768	0.633	0.798	0.761	0.714	0.719	9.67
69)	T	o-Xylene	0.616	0.745	0.606	0.776	0.737	0.699	0.697	10.14
70)	T	Styrene	1.063	1.210	1.012	1.284	1.235	1.180	1.164	9.01
71)	P	Bromoform	0.201	0.217	0.189	0.253	0.241	0.220	0.220	10.80
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.217	3.696	3.144	3.874	3.758	3.852	3.590	9.04
74)	T	N-amyl acetate	0.777	0.854	0.797	0.996	1.017	0.940	0.897	11.41
75)	P	1,1,2,2-Tetrac...	0.536	0.599	0.524	0.637	0.646	0.601	0.591	8.56
76)	T	1,2,3-Trichlor...	0.526	0.481	0.430	0.437	0.447	0.499	0.470	8.17
77)	T	Bromobenzene	0.709	0.870	0.700	0.895	0.876	0.868	0.820	10.95
78)	T	n-propylbenzene	3.764	4.393	3.689	4.793	4.527	4.649	4.303	10.84
79)	T	2-Chlorotoluene	2.144	2.469	2.123	2.698	2.605	2.606	2.441	10.20
80)	T	1,3,5-Trimethy...	2.722	3.132	2.651	3.338	3.219	3.174	3.039	9.30
81)	T	trans-1,4-Dich...	0.186	0.191	0.183	0.230	0.238	0.225	0.209	11.87
82)	T	4-Chlorotoluene	2.203	2.653	2.212	2.848	2.717	2.733	2.561	10.96
83)	T	tert-Butylbenzene	2.307	2.761	2.338	2.970	2.846	2.819	2.674	10.49
84)	T	1,2,4-Trimethy...	2.750	3.198	2.644	3.329	3.137	3.106	3.027	8.90
85)	T	sec-Butylbenzene	3.530	4.056	3.419	4.444	4.094	4.160	3.950	9.99
86)	T	p-Isopropyltol...	2.931	3.385	2.928	3.747	3.523	3.428	3.324	9.93
87)	T	1,3-Dichlorobe...	1.519	1.773	1.442	1.808	1.704	1.736	1.664	8.91
88)	T	1,4-Dichlorobe...	1.504	1.740	1.458	1.786	1.703	1.699	1.648	8.13
89)	T	n-Butylbenzene	2.791	3.117	2.770	3.606	3.270	3.315	3.145	10.29
90)	T	Hexachloroethane	0.559	0.675	0.584	0.735	0.702	0.703	0.660	10.82
91)	T	1,2-Dichlorobe...	1.362	1.532	1.253	1.617	1.507	1.483	1.459	8.95
92)	T	1,2-Dibromo-3-...	0.107	0.103	0.098	0.118	0.120	0.110	0.109	8.02
93)	T	1,2,4-Trichlor...	1.012	1.061	0.887	1.152	1.051	1.040	1.034	8.33
94)	T	Hexachlorobuta...	0.599	0.656	0.583	0.727	0.655	0.628	0.641	8.00
95)	T	Naphthalene	1.735	1.807	1.593	1.944	1.925	1.776	1.797	7.21
96)	T	1,2,3-Trichlor...	0.849	0.915	0.776	0.902	0.900	0.893	0.873	6.02

(#) = Out of Range