

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U040921W.M
 Title : SW846 8260
 Last Update : Fri Apr 09 07:30:23 2021
 Response Via : Initial Calibration

Calibration Files

1 =VU042990.D 5 =VU042991.D 20 =VU042992.D 50 =VU042993.D 100 =VU042994.D 150 =VU042995.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.381	0.475	0.474	0.480	0.522	0.517	0.475	10.70
3) P	Chloromethane	0.924	0.685	0.543	0.563	0.560	0.555	0.638	23.41
4) C	Vinyl Chloride	0.472	0.532	0.512	0.540	0.562	0.558	0.530	6.30#
5) T	Bromomethane		0.429	0.318	0.333	0.260	0.247	0.317	22.76
6) T	Chloroethane	0.356	0.505	0.358	0.367	0.387	0.379	0.392	14.40
7) T	Trichlorofluor...	0.894	0.972	0.872	0.916	0.931	0.912	0.916	3.71
8) T	Diethyl Ether	0.244	0.323	0.286	0.302	0.301	0.306	0.294	9.20
9) T	1,1,2-Trichlor...	0.441	0.500	0.441	0.468	0.486	0.490	0.471	5.40
10) T	Methyl Iodide		0.610	0.575	0.666	0.700	0.672	0.645	7.91
11) T	Tert butyl alc...		0.214	0.207	0.215	0.231	0.244	0.222	6.78
12) CM	1,1-Dichloroet...	0.468	0.494	0.425	0.441	0.461	0.475	0.461	5.36#
13) T	Acrolein		0.083	0.133	0.152	0.163	0.178	0.142	25.81
14) T	Allyl chloride	0.861	1.082	0.972	1.087	1.140	1.203	1.058	11.59
15) T	Acrylonitrile	0.346	0.451	0.414	0.457	0.475	0.497	0.440	12.17
16) T	Acetone	0.427	0.473	0.426	0.459	0.468	0.497	0.458	6.06
17) T	Carbon Disulfide	1.293	1.370	1.206	1.272	1.344	1.402	1.315	5.47
18) T	Methyl Acetate	0.888	1.011	1.000	1.069	1.120	1.184	1.045	9.89
19) T	Methyl tert-bu...	1.620	1.864	1.654	1.843	1.943	1.967	1.815	8.04
20) T	Methylene Chlo...	0.698	0.601	0.520	0.548	0.573	0.581	0.587	10.45
21) T	trans-1,2-Dich...	0.483	0.552	0.478	0.527	0.538	0.551	0.521	6.34
22) T	Diisopropyl ether	1.778	2.136	1.918	2.165	2.342	2.270	2.101	10.21
23) T	Vinyl Acetate	1.610	1.965	1.834	2.111	2.302	2.277	2.017	13.29
24) P	1,1-Dichloroet...	0.878	1.056	0.955	1.071	1.102	1.127	1.032	9.25
25) T	2-Butanone	0.599	0.734	0.675	0.767	0.804	0.815	0.732	11.27
26) T	2,2-Dichloropr...	0.797	0.953	0.880	0.930	0.983	0.979	0.920	7.76
27) T	cis-1,2-Dichlo...	0.453	0.599	0.560	0.614	0.643	0.640	0.585	12.19
28) T	Bromochloromet...	0.432	0.613	0.482	0.548	0.582	0.584	0.540	12.86
29) T	Tetrahydrofuran	0.411	0.465	0.420	0.491	0.517	0.509	0.469	9.64
30) C	Chloroform	1.037	1.148	1.014	1.146	1.183	1.152	1.113	6.27#
31) T	Cyclohexane		1.075	0.905	0.958	0.998	0.990	0.985	6.30
32) T	1,1,1-Trichlor...	0.749	0.966	0.918	1.013	1.063	1.028	0.956	11.84
33) S	1,2-Dichloroet...		0.925	0.719	0.786	0.826	0.831	0.817	9.18
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.425	0.309	0.346	0.373	0.372	0.365	11.62
36) T	1,1-Dichloropr...	0.393	0.497	0.457	0.524	0.546	0.530	0.491	11.69
37) T	Ethyl Acetate	0.741	0.797	0.804	0.877	0.939	0.915	0.845	9.11
38) T	Carbon Tetrach...	0.467	0.543	0.502	0.565	0.598	0.569	0.541	8.87
39) T	Methylcyclohexane	0.430	0.546	0.504	0.561	0.616	0.592	0.541	12.37
40) TM	Benzene	1.283	1.442	1.342	1.486	1.566	1.500	1.436	7.35
41) T	Methacrylonitrile	0.350	0.442	0.422	0.475	0.517	0.495	0.450	13.35
42) TM	1,2-Dichloroet...	0.538	0.663	0.604	0.671	0.694	0.655	0.637	8.95
43) T	Isopropyl Acetate	0.994	1.211	1.122	1.291	1.382	1.364	1.227	12.23
44) TM	Trichloroethene	0.367	0.360	0.341	0.371	0.401	0.386	0.371	5.64
45) C	1,2-Dichloropr...	0.355	0.399	0.372	0.418	0.439	0.428	0.402	8.20#
46) T	Dibromomethane	0.222	0.288	0.262	0.297	0.305	0.298	0.279	11.33
47) T	Bromodichlorom...	0.462	0.557	0.511	0.585	0.630	0.604	0.558	11.19
48) T	Methyl methacr...	0.445	0.621	0.587	0.665	0.723	0.710	0.625	16.34
49) T	1,4-Dioxane	0.008	0.011	0.012	0.013	0.014	0.013	0.012	20.36
50) S	Toluene-d8		1.416	1.142	1.269	1.400	1.351	1.315	8.57
51) T	4-Methyl-2-Pen...	0.677	0.866	0.859	1.006	1.123	1.074	0.934	17.72
52) CM	Toluene	0.743	0.886	0.843	0.964	1.023	0.951	0.902	11.07#
53) T	t-1,3-Dichloro...	0.492	0.545	0.565	0.662	0.728	0.718	0.618	15.85
54) T	cis-1,3-Dichlo...	0.446	0.584	0.585	0.682	0.724	0.707	0.621	16.88
55) T	1,1,2-Trichlor...	0.300	0.380	0.361	0.410	0.437	0.420	0.385	12.97
56) T	Ethyl methacry...	0.453	0.561	0.588	0.707	0.807	0.778	0.649	21.21

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57)	T	1,3-Dichloropr...	0.520	0.657	0.619	0.719	0.766	0.728	0.668	13.42
58)	T	2-Chloroethyl ...	0.210	0.219	0.229	0.278	0.318	0.319	0.262	18.91
59)	T	2-Hexanone	0.531	0.715	0.711	0.850	0.929	0.880	0.769	19.03
60)	T	Dibromochlorom...	0.329	0.400	0.399	0.481	0.531	0.517	0.443	17.90
61)	T	1,2-Dibromoethane	0.340	0.423	0.408	0.472	0.506	0.481	0.438	13.83
62)	S	4-Bromofluorob...		0.486	0.438	0.540	0.615	0.608	0.537	14.22
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.277	0.360	0.317	0.329	0.342	0.330	0.326	8.51
65)	PM	Chlorobenzene	0.949	1.046	0.963	1.044	1.094	1.066	1.027	5.67
66)	T	1,1,1,2-Tetrac...	0.363	0.389	0.364	0.420	0.442	0.443	0.403	9.10
67)	C	Ethyl Benzene	1.536	1.862	1.719	1.945	2.040	1.961	1.844	10.09#
68)	T	m/p-Xylenes	0.526	0.676	0.644	0.725	0.753	0.723	0.675	12.24
69)	T	o-Xylene	0.503	0.636	0.628	0.702	0.743	0.712	0.654	13.23
70)	T	Styrene	0.852	1.083	1.080	1.224	1.337	1.299	1.146	15.64
71)	P	Bromoform	0.262	0.368	0.365	0.427	0.479	0.475	0.396	20.77
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.678	3.360	3.020	3.217	3.391	3.421	3.181	9.05
74)	T	N-amyl acetate	1.545	1.897	1.808	2.024	2.233	2.232	1.957	13.56
75)	P	1,1,2,2-Tetrac...	1.355	1.495	1.341	1.428	1.501	1.455	1.429	4.80
76)	T	1,2,3-Trichlor...	1.349	1.474	1.307	1.500	1.503	1.424	1.426	5.77
77)	T	Bromobenzene	0.726	0.873	0.831	0.876	0.937	0.940	0.864	9.16
78)	T	n-propylbenzene	3.299	3.828	3.619	4.016	4.199	4.210	3.862	9.24
79)	T	2-Chlorotoluene	2.087	2.363	2.185	2.384	2.520	2.482	2.337	7.24
80)	T	1,3,5-Trimethy...	2.130	2.890	2.706	2.968	3.113	3.081	2.814	13.01
81)	T	trans-1,4-Dich...		0.377	0.396	0.472	0.534	0.549	0.466	16.78
82)	T	4-Chlorotoluene	2.237	2.881	2.636	2.891	3.039	3.004	2.781	10.86
83)	T	tert-Butylbenzene	2.353	2.883	2.643	2.901	3.050	3.049	2.813	9.61
84)	T	1,2,4-Trimethy...	2.417	2.947	2.765	3.025	3.198	3.130	2.914	9.83
85)	T	sec-Butylbenzene	2.717	3.339	3.124	3.392	3.596	3.532	3.283	9.83
86)	T	p-Isopropyltol...	2.166	3.015	2.854	3.169	3.334	3.272	2.968	14.49
87)	T	1,3-Dichlorobe...	1.485	1.668	1.532	1.645	1.708	1.675	1.619	5.50
88)	T	1,4-Dichlorobe...	1.562	1.712	1.525	1.653	1.732	1.681	1.644	5.07
89)	T	n-Butylbenzene	1.842	2.746	2.592	2.979	3.168	3.140	2.745	18.07
90)	T	Hexachloroethane	0.358	0.593	0.526	0.576	0.618	0.614	0.548	18.06
91)	T	1,2-Dichlorobe...	1.363	1.751	1.532	1.642	1.698	1.632	1.603	8.64
92)	T	1,2-Dibromo-3-...	0.247	0.374	0.351	0.391	0.420	0.418	0.367	17.59
93)	T	1,2,4-Trichlor...	0.791	0.929	0.927	1.043	1.149	1.158	1.000	14.37
94)	T	Hexachlorobuta...	0.523	0.616	0.508	0.531	0.555	0.547	0.547	6.93
95)	T	Naphthalene	2.190	2.413	2.712	3.307	3.765	3.751	3.023	22.55
96)	T	1,2,3-Trichlor...	0.844	0.905	0.936	1.037	1.127	1.113	0.994	11.70

(#) = Out of Range