

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U041221W.M
 Title : SW846 8260
 Last Update : Mon Apr 12 13:17:29 2021
 Response Via : Initial Calibration

Calibration Files

1 =VU043020.D 5 =VU043014.D 20 =VU043015.D 50 =VU043016.D 100 =VU043017.D 150 =VU043018.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.570	0.468	0.499	0.506	0.526	0.526	0.516	6.61
3) P	Chloromethane	0.879	0.607	0.554	0.548	0.571	0.529	0.615	21.51
4) C	Vinyl Chloride	0.644	0.528	0.536	0.539	0.570	0.557	0.563	7.61#
5) T	Bromomethane		0.350	0.322	0.314	0.284	0.263	0.307	11.16
6) T	Chloroethane	0.651	0.410	0.372	0.380	0.394	0.386	0.432	24.97
7) T	Trichlorofluor...	1.008	0.999	0.932	0.918	0.945	0.933	0.956	3.99
8) T	Diethyl Ether	0.303	0.319	0.297	0.299	0.313	0.306	0.306	2.75
9) T	1,1,2-Trichlor...	0.510	0.489	0.484	0.478	0.492	0.498	0.492	2.31
10) T	Methyl Iodide		0.550	0.623	0.677	0.718	0.673	0.648	9.95
11) T	Tert butyl alc...		0.204	0.196	0.213	0.234	0.236	0.217	8.16
12) CM	1,1-Dichloroet...	0.505	0.437	0.449	0.457	0.478	0.483	0.468	5.33#
13) T	Acrolein		0.086	0.129	0.132	0.139	0.139	0.125	17.65
14) T	Allyl chloride	1.305	1.059	1.027	1.073	1.153	1.197	1.136	9.17
15) T	Acrylonitrile	0.510	0.447	0.427	0.446	0.483	0.483	0.466	6.65
16) T	Acetone	0.726	0.484	0.488	0.485	0.505	0.491	0.530	18.22
17) T	Carbon Disulfide	1.758	1.336	1.307	1.356	1.428	1.453	1.440	11.49
18) T	Methyl Acetate	1.180	0.992	0.973	1.000	1.071	1.089	1.051	7.48
19) T	Methyl tert-bu...	1.821	1.805	1.756	1.816	1.955	1.943	1.849	4.36
20) T	Methylene Chlo...	0.752	0.571	0.538	0.559	0.578	0.584	0.597	13.01
21) T	trans-1,2-Dich...	0.614	0.541	0.488	0.523	0.556	0.559	0.547	7.64
22) T	Diisopropyl ether	2.200	2.096	2.014	2.141	2.344	2.243	2.173	5.34
23) T	Vinyl Acetate	2.024	1.936	1.959	2.103	2.332	2.262	2.103	7.75
24) P	1,1-Dichloroet...	1.151	1.122	1.022	1.063	1.119	1.115	1.099	4.28
25) T	2-Butanone	0.809	0.705	0.706	0.749	0.826	0.785	0.764	6.77
26) T	2,2-Dichloropr...	0.971	0.955	0.885	0.955	1.018	0.999	0.964	4.78
27) T	cis-1,2-Dichlo...	0.604	0.620	0.596	0.622	0.649	0.642	0.622	3.32
28) T	Bromochloromet...	0.598	0.564	0.541	0.522	0.581	0.556	0.560	4.88
29) T	Tetrahydrofuran	0.525	0.437	0.430	0.470	0.530	0.493	0.481	8.86
30) C	Chloroform	1.250	1.152	1.089	1.138	1.217	1.137	1.164	5.07#
31) T	Cyclohexane		1.167	0.955	0.981	1.064	1.017	1.037	8.07
32) T	1,1,1-Trichlor...	1.099	1.001	0.951	1.017	1.068	1.035	1.029	5.05
33) S	1,2-Dichloroet...		0.984	0.789	0.778	0.833	0.819	0.841	9.93
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.419	0.357	0.355	0.370	0.377	0.376	6.84
36) T	1,1-Dichloropr...	0.537	0.523	0.488	0.537	0.556	0.540	0.530	4.36
37) T	Ethyl Acetate	1.065	0.845	0.819	0.865	0.943	0.906	0.907	9.79
38) T	Carbon Tetrach...	0.571	0.536	0.547	0.579	0.596	0.585	0.569	4.02
39) T	Methylcyclohexane	0.585	0.542	0.539	0.592	0.628	0.615	0.583	6.32
40) TM	Benzene	1.496	1.549	1.438	1.515	1.574	1.523	1.516	3.10
41) T	Methacrylonitrile	0.487	0.479	0.434	0.463	0.511	0.488	0.477	5.53
42) TM	1,2-Dichloroet...	0.674	0.677	0.651	0.675	0.695	0.661	0.672	2.25
43) T	Isopropyl Acetate	1.322	1.243	1.177	1.290	1.380	1.350	1.294	5.76
44) TM	Trichloroethene	0.407	0.370	0.360	0.387	0.390	0.394	0.384	4.43
45) C	1,2-Dichloropr...	0.435	0.417	0.385	0.427	0.440	0.429	0.422	4.64#
46) T	Dibromomethane	0.305	0.303	0.281	0.299	0.305	0.298	0.299	3.12
47) T	Bromodichlorom...	0.573	0.582	0.550	0.596	0.629	0.607	0.590	4.67
48) T	Methyl methacr...	0.650	0.585	0.584	0.661	0.715	0.701	0.649	8.55
49) T	1,4-Dioxane	0.011	0.012	0.012	0.014	0.015	0.014	0.013	9.37
50) S	Toluene-d8		1.390	1.253	1.284	1.373	1.348	1.329	4.42
51) T	4-Methyl-2-Pen...	0.950	0.864	0.843	0.967	1.075	1.043	0.957	9.71
52) CM	Toluene	0.901	0.909	0.885	0.966	1.009	0.968	0.940	5.18#
53) T	t-1,3-Dichloro...	0.642	0.598	0.588	0.673	0.723	0.702	0.655	8.38
54) T	cis-1,3-Dichlo...	0.645	0.613	0.608	0.681	0.730	0.711	0.665	7.66
55) T	1,1,2-Trichlor...	0.400	0.403	0.372	0.401	0.427	0.414	0.403	4.58
56) T	Ethyl methacry...	0.570	0.591	0.587	0.683	0.767	0.763	0.660	13.72

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57)	T	1,3-Dichloropr...	0.721	0.656	0.654	0.696	0.735	0.716	0.696	4.95
58)	T	2-Chloroethyl ...	0.161	0.189	0.221	0.258	0.309	0.269	0.235	23.20
59)	T	2-Hexanone	0.770	0.672	0.697	0.819	0.909	0.862	0.788	11.78
60)	T	Dibromochlorom...	0.438	0.423	0.430	0.483	0.518	0.505	0.466	8.85
61)	T	1,2-Dibromoethane	0.445	0.435	0.415	0.468	0.491	0.473	0.455	6.10
62)	S	4-Bromofluorob...	0.521	0.456	0.515	0.584	0.587	0.532		10.30
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.417	0.363	0.339	0.354	0.362	0.342	0.363	7.82
65)	PM	Chlorobenzene	1.174	1.030	1.015	1.051	1.101	1.062	1.072	5.40
66)	T	1,1,1,2-Tetrac...	0.361	0.404	0.408	0.414	0.440	0.432	0.410	6.75
67)	C	Ethyl Benzene	2.020	1.797	1.813	1.952	2.042	1.987	1.935	5.45#
68)	T	m/p-Xylenes	0.709	0.662	0.699	0.738	0.755	0.732	0.716	4.69
69)	T	o-Xylene	0.727	0.651	0.655	0.710	0.735	0.716	0.699	5.27
70)	T	Styrene	1.115	1.026	1.095	1.231	1.306	1.288	1.177	9.72
71)	P	Bromoform	0.397	0.378	0.380	0.416	0.481	0.482	0.422	11.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.611	3.245	3.246	3.277	3.389	3.367	3.356	4.14
74)	T	N-amyl acetate	2.492	1.910	1.968	2.082	2.259	2.225	2.156	9.95
75)	P	1,1,2,2-Tetrac...	1.568	1.458	1.353	1.419	1.520	1.450	1.461	5.16
76)	T	1,2,3-Trichlor...	1.592	1.496	1.285	1.345	1.510	1.539	1.461	8.19
77)	T	Bromobenzene	1.084	0.905	0.877	0.871	0.936	0.937	0.935	8.39
78)	T	n-propylbenzene	4.192	3.772	3.836	3.975	4.163	4.170	4.018	4.59
79)	T	2-Chlorotoluene	2.703	2.350	2.298	2.375	2.467	2.457	2.442	5.87
80)	T	1,3,5-Trimethy...	3.089	2.709	2.822	3.013	3.089	3.052	2.962	5.36
81)	T	trans-1,4-Dich...	0.444	0.442	0.493	0.554	0.553	0.497		11.13
82)	T	4-Chlorotoluene	3.278	2.705	2.749	2.843	3.034	2.992	2.933	7.26
83)	T	tert-Butylbenzene	3.003	2.760	2.736	2.887	3.043	3.044	2.912	4.80
84)	T	1,2,4-Trimethy...	3.187	2.823	2.917	3.038	3.173	3.124	3.044	4.83
85)	T	sec-Butylbenzene	3.620	3.143	3.232	3.380	3.556	3.548	3.413	5.69
86)	T	p-Isopropyltol...	3.190	2.859	2.995	3.157	3.344	3.307	3.142	5.91
87)	T	1,3-Dichlorobe...	1.928	1.636	1.558	1.630	1.726	1.691	1.695	7.56
88)	T	1,4-Dichlorobe...	2.162	1.695	1.600	1.691	1.759	1.700	1.768	11.30
89)	T	n-Butylbenzene	3.054	2.521	2.709	2.993	3.213	3.166	2.943	9.24
90)	T	Hexachloroethane	0.594	0.558	0.544	0.571	0.634	0.634	0.589	6.53
91)	T	1,2-Dichlorobe...	2.006	1.747	1.601	1.665	1.723	1.648	1.732	8.33
92)	T	1,2-Dibromo-3-...	0.467	0.380	0.390	0.408	0.425	0.414	0.414	7.41
93)	T	1,2,4-Trichlor...	1.560	0.901	1.060	1.066	1.183	1.169	1.156	19.19
94)	T	Hexachlorobuta...	0.835	0.628	0.566	0.570	0.583	0.564	0.624	16.94
95)	T	Naphthalene	4.887	2.261	2.958	3.309	3.787	3.767	3.495	25.41
96)	T	1,2,3-Trichlor...	1.594	0.887	1.004	1.046	1.146	1.132	1.135	21.50

(#) = Out of Range