

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U032421W.M
 Title : SW846 8260
 Last Update : Thu Mar 25 05:42:00 2021
 Response Via : Initial Calibration

Calibration Files

1 =VU042764.D 5 =VU042765.D 20 =VU042766.D 50 =VU042767.D 100 =VU042768.D 150 =VU042769.D

	Compound	1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.539	0.580	0.660	0.593	0.564	0.591	0.588	6.93
3) P	Chloromethane	0.793	0.676	0.653	0.585	0.557	0.553	0.636	14.48
4) C	Vinyl Chloride	0.583	0.595	0.626	0.561	0.555	0.555	0.579	4.84#
5) T	Bromomethane		0.511	0.473	0.373	0.319	0.314	0.398	22.56
6) T	Chloroethane	0.694	0.503	0.465	0.412	0.339	0.257	0.445	33.90
7) T	Trichlorofluor...	1.083	1.072	1.081	0.976	0.924	0.921	1.009	7.76
8) T	Diethyl Ether	0.347	0.328	0.328	0.293	0.293	0.298	0.315	7.26
9) T	1,1,2-Trichlor...	0.492	0.532	0.507	0.468	0.448	0.456	0.484	6.66
10) T	Methyl Iodide		0.618	0.698	0.664	0.647	0.636	0.652	4.68
11) T	Tert butyl alc...		0.168	0.179	0.163	0.164	0.177	0.170	4.34
12) CM	1,1-Dichloroet...	0.472	0.490	0.464	0.430	0.426	0.439	0.454	5.61#
13) T	Acrolein		0.102	0.058	0.056	0.057	0.059	0.066	30.14
14) T	Allyl chloride	0.969	0.998	1.024	0.951	0.982	1.021	0.991	2.93
15) T	Acrylonitrile	0.376	0.391	0.414	0.378	0.382	0.403	0.391	3.85
16) T	Acetone	0.614	0.432	0.462	0.436	0.407	0.385	0.456	17.88
17) T	Carbon Disulfide	1.265	1.344	1.340	1.246	1.230	1.274	1.283	3.75
18) T	Methyl Acetate	0.808	0.870	1.020	0.911	0.919	0.951	0.913	7.87
19) T	Methyl tert-bu...	1.550	1.737	1.781	1.699	1.744	1.814	1.721	5.37
20) T	Methylene Chlo...	0.677	0.623	0.578	0.522	0.521	0.524	0.574	11.33
21) T	trans-1,2-Dich...	0.497	0.519	0.530	0.495	0.499	0.514	0.509	2.78
22) T	Diisopropyl ether	1.796	1.861	2.077	1.996	2.103	2.133	1.994	6.92
23) T	Vinyl Acetate	1.613	1.756	1.902	1.859	1.970	2.037	1.856	8.24
24) P	1,1-Dichloroet...	1.080	1.103	1.071	0.988	0.990	1.006	1.040	4.88
25) T	2-Butanone	0.688	0.630	0.669	0.631	0.631	0.643	0.649	3.76
26) T	2,2-Dichloropr...	0.913	0.918	0.940	0.899	0.910	0.931	0.918	1.63
27) T	cis-1,2-Dichlo...	0.561	0.570	0.612	0.577	0.580	0.595	0.582	3.16
28) T	Bromochloromet...	0.436	0.531	0.553	0.549	0.532	0.515	0.519	8.31
29) T	Tetrahydrofuran	0.385	0.380	0.421	0.396	0.405	0.421	0.401	4.31
30) C	Chloroform	1.099	1.135	1.134	1.078	1.066	1.081	1.099	2.69#
31) T	Cyclohexane		1.148	0.982	0.940	0.939	0.953	0.992	8.94
32) T	1,1,1-Trichlor...	0.920	1.032	1.029	0.953	0.952	0.966	0.976	4.64
33) S	1,2-Dichloroet...		0.855	0.821	0.760	0.777	0.773	0.797	4.97
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.407	0.383	0.354	0.363	0.358	0.373	5.95
36) T	1,1-Dichloropr...	0.435	0.512	0.513	0.506	0.499	0.503	0.495	5.98
37) T	Ethyl Acetate	0.746	0.760	0.792	0.760	0.767	0.781	0.768	2.15
38) T	Carbon Tetrach...	0.552	0.591	0.594	0.563	0.543	0.544	0.565	4.02
39) T	Methylcyclohexane	0.535	0.567	0.570	0.580	0.572	0.575	0.566	2.79
40) TM	Benzene	1.516	1.529	1.513	1.446	1.428	1.446	1.479	2.98
41) T	Methacrylonitrile	0.349	0.383	0.424	0.406	0.420	0.431	0.402	7.71
42) TM	1,2-Dichloroet...	0.580	0.666	0.684	0.634	0.623	0.618	0.634	5.81
43) T	Isopropyl Acetate	1.062	1.181	1.178	1.157	1.165	1.191	1.156	4.12
44) TM	Trichloroethene	0.362	0.415	0.395	0.379	0.363	0.369	0.380	5.46
45) C	1,2-Dichloropr...	0.330	0.422	0.418	0.404	0.391	0.396	0.394	8.44#
46) T	Dibromomethane	0.262	0.278	0.302	0.283	0.277	0.280	0.280	4.56
47) T	Bromodichlorom...	0.499	0.598	0.609	0.574	0.568	0.570	0.570	6.75
48) T	Methyl methacr...	0.440	0.535	0.584	0.581	0.594	0.614	0.558	11.36
49) T	1,4-Dioxane	0.008	0.011	0.013	0.012	0.011	0.011	0.011	15.88
50) S	Toluene-d8		1.278	1.325	1.285	1.343	1.333	1.313	2.26
51) T	4-Methyl-2-Pen...	0.701	0.777	0.851	0.819	0.849	0.856	0.809	7.52
52) CM	Toluene	0.750	0.913	0.954	0.937	0.937	0.937	0.905	8.51#
53) T	t-1,3-Dichloro...	0.485	0.575	0.620	0.624	0.648	0.666	0.603	10.86
54) T	cis-1,3-Dichlo...	0.580	0.604	0.645	0.640	0.649	0.665	0.631	5.06
55) T	1,1,2-Trichlor...	0.358	0.389	0.411	0.394	0.392	0.391	0.389	4.46
56) T	Ethyl methacry...	0.479	0.533	0.595	0.615	0.658	0.688	0.595	13.14

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57)	T	1,3-Dichloropr...	0.626	0.701	0.682	0.662	0.664	0.672	0.668	3.72
58)	T	2-Chloroethyl ...	0.065	0.093	0.129	0.165	0.195	0.211	0.143	40.19
59)	T	2-Hexanone	0.559	0.583	0.679	0.665	0.694	0.679	0.643	8.86
60)	T	Dibromochlorom...	0.383	0.448	0.479	0.459	0.468	0.477	0.452	7.90
61)	T	1,2-Dibromoethane	0.415	0.447	0.463	0.438	0.445	0.447	0.443	3.59
62)	S	4-Bromofluorob...	0.461	0.493	0.509	0.548	0.540	0.510		6.91
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.397	0.443	0.425	0.414	0.379	0.364	0.404	7.35
65)	PM	Chlorobenzene	0.983	1.030	1.057	1.020	1.003	1.006	1.017	2.50
66)	T	1,1,1,2-Tetrac...	0.391	0.407	0.421	0.408	0.397	0.403	0.404	2.60
67)	C	Ethyl Benzene	1.647	1.756	1.916	1.871	1.880	1.870	1.823	5.58#
68)	T	m/p-Xylenes	0.557	0.649	0.709	0.711	0.712	0.694	0.672	9.12
69)	T	o-Xylene	0.584	0.601	0.682	0.679	0.682	0.676	0.650	7.00
70)	T	Styrene	0.842	1.026	1.160	1.169	1.204	1.191	1.099	12.84
71)	P	Bromoform	0.317	0.357	0.406	0.393	0.411	0.418	0.384	10.25
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.961	3.077	3.327	3.172	3.227	3.224	3.165	4.07
74)	T	N-amyl acetate	1.496	1.635	1.848	1.815	1.950	1.972	1.786	10.42
75)	P	1,1,2,2-Tetrac...	1.334	1.314	1.343	1.212	1.281	1.278	1.294	3.72
76)	T	1,2,3-Trichlor...	1.358	1.312	1.268	1.153	1.275	1.265	1.272	5.35
77)	T	Bromobenzene	0.878	0.890	0.894	0.841	0.858	0.863	0.871	2.34
78)	T	n-propylbenzene	3.092	3.620	3.979	3.859	3.908	3.892	3.725	8.95
79)	T	2-Chlorotoluene	2.081	2.190	2.397	2.256	2.281	2.281	2.248	4.69
80)	T	1,3,5-Trimethy...	2.312	2.623	2.973	2.843	2.862	2.859	2.746	8.78
81)	T	trans-1,4-Dich...	0.381	0.409	0.418	0.463	0.475	0.429		9.12
82)	T	4-Chlorotoluene	2.492	2.583	2.830	2.731	2.731	2.739	2.685	4.58
83)	T	tert-Butylbenzene	2.611	2.528	2.768	2.654	2.720	2.768	2.675	3.57
84)	T	1,2,4-Trimethy...	2.331	2.571	3.016	2.907	2.911	2.901	2.773	9.53
85)	T	sec-Butylbenzene	2.484	3.012	3.345	3.252	3.262	3.300	3.109	10.54
86)	T	p-Isopropyltol...	2.078	2.674	3.096	3.058	3.073	3.094	2.845	14.41
87)	T	1,3-Dichlorobe...	1.546	1.585	1.617	1.530	1.550	1.562	1.565	2.00
88)	T	1,4-Dichlorobe...	1.580	1.658	1.680	1.564	1.588	1.573	1.607	3.05
89)	T	n-Butylbenzene	2.116	2.498	2.769	2.848	2.909	2.969	2.685	12.06
90)	T	Hexachloroethane	0.484	0.554	0.546	0.526	0.543	0.571	0.537	5.60
91)	T	1,2-Dichlorobe...	1.579	1.637	1.652	1.560	1.566	1.566	1.593	2.54
92)	T	1,2-Dibromo-3-...	0.360	0.299	0.363	0.336	0.347	0.351	0.343	6.85
93)	T	1,2,4-Trichlor...	0.784	0.914	1.066	1.073	1.119	1.138	1.016	13.59
94)	T	Hexachlorobuta...	0.614	0.604	0.597	0.587	0.581	0.581	0.594	2.29
95)	T	Naphthalene	1.669	2.213	3.004	3.212	3.431	3.556	2.847	26.24
96)	T	1,2,3-Trichlor...	0.824	0.905	1.089	1.097	1.116	1.136	1.028	12.65

(#) = Out of Range