

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U060721W.M
 Title : SW846 8260
 Last Update : Tue Jun 08 17:38:51 2021
 Response Via : Initial Calibration

Calibration Files

1 =VU044053.D 5 =VU044054.D 20 =VU044055.D 50 =VU044056.D 100 =VU044057.D 150 =VU044058.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.763	0.761	0.766	0.747	0.710	0.723	0.745	3.17
3) P	Chloromethane	1.342	1.103	0.994	0.980	0.889	0.898	1.034	16.41
4) C	Vinyl Chloride	1.015	0.984	0.914	0.918	0.851	0.871	0.926	6.86#
5) T	Bromomethane		0.415	0.522	0.422	0.276	0.285	0.384	26.94
6) T	Chloroethane	0.606	0.638	0.557	0.561	0.515	0.521	0.566	8.46
7) T	Trichlorofluor...	1.132	1.146	1.065	1.052	0.984	1.005	1.064	6.13
8) T	Diethyl Ether	0.561	0.460	0.438	0.448	0.414	0.426	0.458	11.58
9) T	1,1,2-Trichlor...	0.719	0.708	0.631	0.623	0.582	0.597	0.643	8.87
10) T	Methyl Iodide		0.678	0.760	0.798	0.752	0.761	0.750	5.86
11) T	Tert butyl alc...		0.229	0.205	0.215	0.204	0.227	0.216	5.46
12) CM	1,1-Dichloroet...	0.597	0.665	0.616	0.621	0.587	0.606	0.615	4.46#
13) T	Acrolein		0.209	0.163	0.167	0.156	0.153	0.170	13.36
14) T	Allyl chloride	1.345	1.300	1.233	1.267	1.176	1.223	1.257	4.77
15) T	Acrylonitrile	0.482	0.486	0.488	0.504	0.451	0.465	0.479	3.90
16) T	Acetone	0.549	0.602	0.506	0.463	0.409	0.487	0.503	13.40
17) T	Carbon Disulfide	2.258	2.113	2.013	2.042	1.907	1.965	2.050	6.04
18) T	Methyl Acetate	1.116	1.147	1.119	1.159	1.037	1.071	1.108	4.19
19) T	Methyl tert-bu...	1.767	1.837	1.880	1.976	1.875	1.966	1.884	4.19
20) T	Methylene Chlo...	1.272	0.896	0.805	0.797	0.725	0.739	0.872	23.48
21) T	trans-1,2-Dich...	0.688	0.736	0.695	0.700	0.656	0.668	0.690	4.05
22) T	Diisopropyl ether	2.005	2.131	2.237	2.285	2.079	2.093	2.138	4.89
23) T	Vinyl Acetate	1.729	1.910	2.066	2.215	2.061	2.119	2.017	8.55
24) P	1,1-Dichloroet...	1.544	1.476	1.392	1.396	1.279	1.310	1.399	7.10
25) T	2-Butanone	0.657	0.748	0.738	0.748	0.677	0.734	0.717	5.54
26) T	2,2-Dichloropr...	1.057	1.002	0.975	1.011	0.957	1.020	1.004	3.50
27) T	cis-1,2-Dichlo...	0.746	0.793	0.770	0.780	0.736	0.754	0.763	2.82
28) T	Bromochloromet...	0.802	0.759	0.732	0.731	0.632	0.620	0.713	10.09
29) T	Tetrahydrofuran	0.371	0.391	0.420	0.433	0.380	0.393	0.398	5.91
30) C	Chloroform	1.472	1.442	1.355	1.332	1.229	1.245	1.346	7.39#
31) T	Cyclohexane		1.417	1.202	1.174	1.096	1.121	1.202	10.60
32) T	1,1,1-Trichlor...	1.195	1.093	1.076	1.079	1.008	1.039	1.082	5.87
33) S	1,2-Dichloroet...		0.962	0.892	0.869	0.821	0.811	0.871	6.98
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.383	0.362	0.356	0.345	0.339	0.357	4.82
36) T	1,1-Dichloropr...	0.564	0.576	0.568	0.569	0.547	0.556	0.563	1.86
37) T	Ethyl Acetate	0.713	0.703	0.725	0.745	0.671	0.701	0.710	3.49
38) T	Carbon Tetrach...	0.542	0.522	0.499	0.507	0.482	0.502	0.509	4.06
39) T	Methylcyclohexane	0.554	0.551	0.561	0.597	0.602	0.627	0.582	5.31
40) TM	Benzene	1.745	1.749	1.732	1.716	1.605	1.640	1.698	3.56
41) T	Methacrylonitrile	0.326	0.371	0.384	0.400	0.372	0.385	0.373	6.82
42) TM	1,2-Dichloroet...	0.608	0.667	0.623	0.609	0.559	0.570	0.606	6.39
43) T	Isopropyl Acetate	0.965	0.955	0.979	1.042	1.007	1.073	1.003	4.60
44) TM	Trichloroethene	0.389	0.392	0.367	0.373	0.360	0.369	0.375	3.44
45) C	1,2-Dichloropr...	0.478	0.482	0.471	0.463	0.438	0.447	0.463	3.79#
46) T	Dibromomethane	0.314	0.302	0.294	0.295	0.278	0.284	0.295	4.39
47) T	Bromodichlorom...	0.589	0.586	0.592	0.597	0.564	0.586	0.586	1.93
48) T	Methyl methacr...	0.435	0.461	0.481	0.529	0.516	0.547	0.495	8.76
49) T	1,4-Dioxane	0.011	0.012	0.012	0.013	0.012	0.013	0.012	6.67
50) S	Toluene-d8		1.370	1.386	1.400	1.375	1.352	1.376	1.31
51) T	4-Methyl-2-Pen...	0.618	0.707	0.743	0.798	0.782	0.824	0.745	10.03
52) CM	Toluene	0.884	1.004	1.027	1.037	0.988	1.005	0.991	5.55#
53) T	t-1,3-Dichloro...	0.511	0.593	0.613	0.654	0.664	0.708	0.624	10.94
54) T	cis-1,3-Dichlo...	0.657	0.655	0.675	0.715	0.701	0.730	0.689	4.54
55) T	1,1,2-Trichlor...	0.427	0.419	0.415	0.420	0.414	0.427	0.420	1.37
56) T	Ethyl methacry...	0.475	0.534	0.603	0.698	0.744	0.802	0.643	19.75

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57)	T	1,3-Dichloropr...	0.744	0.776	0.745	0.766	0.748	0.773	0.759	1.95
58)	T	2-Chloroethyl ...	0.120	0.154	0.173	0.198	0.217	0.236	0.183	23.23
59)	T	2-Hexanone	0.421	0.561	0.583	0.631	0.615	0.665	0.579	14.80
60)	T	Dibromochlorom...	0.389	0.405	0.407	0.419	0.431	0.461	0.419	6.03
61)	T	1,2-Dibromoethane	0.397	0.427	0.425	0.440	0.436	0.456	0.430	4.61
62)	S	4-Bromofluorob...	0.496	0.495	0.537	0.591	0.605	0.545		9.50
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.303	0.341	0.335	0.339	0.307	0.302	0.321	5.97
65)	PM	Chlorobenzene	1.072	1.094	1.037	1.059	1.013	1.047	1.054	2.66
66)	T	1,1,1,2-Tetrac...	0.380	0.360	0.369	0.376	0.363	0.384	0.372	2.58
67)	C	Ethyl Benzene	1.743	1.840	1.918	2.027	1.953	2.004	1.914	5.59#
68)	T	m/p-Xylenes	0.591	0.693	0.734	0.766	0.730	0.743	0.709	8.81
69)	T	o-Xylene	0.581	0.644	0.678	0.732	0.708	0.733	0.679	8.67
70)	T	Styrene	0.901	1.027	1.165	1.285	1.273	1.324	1.163	14.39
71)	P	Bromoform	0.323	0.299	0.299	0.329	0.336	0.362	0.325	7.37
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.012	3.085	3.470	3.618	3.397	3.605	3.365	7.71
74)	T	N-amyl acetate	1.283	1.352	1.516	1.672	1.636	1.784	1.540	12.59
75)	P	1,1,2,2-Tetrac...	1.681	1.569	1.509	1.528	1.398	1.491	1.529	6.12
76)	T	1,2,3-Trichlor...	1.469	1.404	1.431	1.471	1.278	1.341	1.399	5.45
77)	T	Bromobenzene	0.776	0.790	0.820	0.841	0.795	0.844	0.811	3.49
78)	T	n-propylbenzene	3.858	4.034	4.453	4.656	4.385	4.661	4.341	7.59
79)	T	2-Chlorotoluene	2.423	2.551	2.659	2.720	2.543	2.719	2.603	4.51
80)	T	1,3,5-Trimethy...	2.532	2.701	3.131	3.277	3.068	3.256	2.994	10.26
81)	T	trans-1,4-Dich...	0.411	0.446	0.498	0.494	0.547	0.479		10.96
82)	T	4-Chlorotoluene	2.650	2.915	3.162	3.249	3.066	3.236	3.046	7.55
83)	T	tert-Butylbenzene	2.437	2.540	2.763	2.978	2.872	3.093	2.780	9.11
84)	T	1,2,4-Trimethy...	2.193	2.565	3.144	3.295	3.146	3.315	2.943	15.57
85)	T	sec-Butylbenzene	2.889	3.393	3.710	3.949	3.782	4.043	3.628	11.75
86)	T	p-Isopropyltol...	2.329	2.740	3.203	3.441	3.281	3.499	3.083	14.80
87)	T	1,3-Dichlorobe...	1.616	1.637	1.598	1.635	1.559	1.650	1.616	2.05
88)	T	1,4-Dichlorobe...	1.896	1.763	1.667	1.659	1.584	1.669	1.706	6.37
89)	T	n-Butylbenzene	2.665	2.752	3.038	3.366	3.310	3.565	3.116	11.52
90)	T	Hexachloroethane	0.559	0.500	0.500	0.527	0.521	0.564	0.529	5.24
91)	T	1,2-Dichlorobe...	1.632	1.628	1.600	1.638	1.530	1.595	1.604	2.51
92)	T	1,2-Dibromo-3-...	0.341	0.319	0.328	0.347	0.326	0.351	0.335	3.85
93)	T	1,2,4-Trichlor...	0.812	0.835	0.909	1.016	0.986	1.079	0.940	11.25
94)	T	Hexachlorobuta...	0.554	0.555	0.515	0.533	0.509	0.547	0.536	3.73
95)	T	Naphthalene	1.862	2.163	2.810	3.414	3.317	3.637	2.867	25.17
96)	T	1,2,3-Trichlor...	0.725	0.783	0.915	1.004	0.967	1.036	0.905	13.82

(#) = Out of Range