

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U033122W.M
 Title : SW846 8260
 Last Update : Thu Mar 31 13:50:29 2022
 Response Via : Initial Calibration

Calibration Files

1 =VU047766.D 5 =VU047767.D 20 =VU047768.D 50 =VU047769.D 100 =VU047770.D 150 =VU047771.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.581	0.493	0.552	0.575	0.589	0.568	0.560	6.21
3) P	Chloromethane	0.711	0.601	0.601	0.604	0.624	0.604	0.624	6.95
4) C	Vinyl Chloride	0.621	0.564	0.557	0.578	0.614	0.583	0.586	4.44#
5) T	Bromomethane		0.380	0.368	0.383	0.413	0.385	0.386	4.27
6) T	Chloroethane	0.458	0.373	0.354	0.369	0.389	0.357	0.383	10.05
7) T	Trichlorofluor...	0.860	0.812	0.766	0.804	0.844	0.832	0.820	4.05
8) T	Diethyl Ether	0.363	0.336	0.285	0.303	0.296	0.299	0.314	9.46
9) T	1,1,2-Trichlor...	0.541	0.480	0.467	0.483	0.496	0.475	0.490	5.46
10) T	Methyl Iodide		0.379	0.412	0.494	0.568	0.509	0.472	16.15
11) T	Tert butyl alc...		0.140	0.141	0.154	0.165	0.151	0.150	6.81
12) CM	1,1-Dichloroet...	0.542	0.476	0.443	0.463	0.485	0.461	0.478	7.18#
13) T	Acrolein		0.105	0.059	0.068	0.075	0.071	0.076	23.20
14) T	Allyl chloride	0.681	0.645	0.649	0.692	0.736	0.675	0.680	4.87
15) T	Acrylonitrile	0.376	0.343	0.337	0.360	0.387	0.361	0.361	5.21
16) T	Acetone	0.451	0.381	0.384	0.394	0.365	0.371	0.391	7.89
17) T	Carbon Disulfide	1.591	1.364	1.327	1.373	1.439	1.359	1.409	6.85
18) T	Methyl Acetate	0.803	0.716	0.670	0.714	0.772	0.715	0.732	6.50
19) T	Methyl tert-bu...	1.547	1.479	1.392	1.507	1.615	1.507	1.508	4.89
20) T	Methylene Chlo...	0.747	0.586	0.526	0.537	0.561	0.528	0.581	14.54
21) T	trans-1,2-Dich...	0.565	0.514	0.493	0.513	0.537	0.507	0.522	4.91
22) T	Diisopropyl ether	1.290	1.315	1.293	1.386	1.467	1.361	1.352	5.03
23) T	Vinyl Acetate	1.106	1.137	1.154	1.280	1.387	1.295	1.226	9.00
24) P	1,1-Dichloroet...	0.923	0.896	0.841	0.883	0.927	0.865	0.889	3.78
25) T	2-Butanone	0.472	0.455	0.482	0.512	0.536	0.498	0.493	5.88
26) T	2,2-Dichloropr...	0.842	0.753	0.740	0.782	0.828	0.782	0.788	5.12
27) T	cis-1,2-Dichlo...	0.638	0.575	0.555	0.582	0.621	0.583	0.592	5.24
28) T	Bromochloromet...	0.288	0.300	0.263	0.362	0.365	0.331	0.318	12.98
29) T	Tetrahydrofuran	0.311	0.293	0.283	0.307	0.330	0.303	0.305	5.32
30) C	Chloroform	1.072	0.949	0.898	0.944	0.980	0.906	0.958	6.62#
31) T	Cyclohexane		0.913	0.762	0.781	0.773	0.771	0.800	7.93
32) T	1,1,1-Trichlor...	0.898	0.819	0.770	0.814	0.858	0.798	0.826	5.52
33) S	1,2-Dichloroet...		0.592	0.466	0.543	0.546	0.535	0.536	8.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.369	0.298	0.346	0.333	0.331	0.335	7.62
36) T	1,1-Dichloropr...	0.503	0.461	0.467	0.490	0.446	0.473	0.473	4.39
37) T	Ethyl Acetate	0.783	0.618	0.584	0.620	0.612	0.607	0.637	11.39
38) T	Carbon Tetrach...	0.542	0.516	0.488	0.518	0.471	0.495	0.505	5.05
39) T	Methylcyclohexane	0.561	0.568	0.558	0.601	0.586	0.598	0.579	3.28
40) TM	Benzene	1.548	1.439	1.352	1.430	1.312	1.361	1.407	5.99
41) T	Methacrylonitrile	0.305	0.270	0.272	0.297	0.295	0.288	0.288	4.90
42) TM	1,2-Dichloroet...	0.530	0.500	0.479	0.498	0.465	0.468	0.490	4.99
43) T	Isopropyl Acetate	0.806	0.757	0.735	0.812	0.838	0.852	0.800	5.72
44) TM	Trichloroethene	0.441	0.406	0.392	0.412	0.401	0.396	0.408	4.31
45) C	1,2-Dichloropr...	0.365	0.357	0.335	0.361	0.357	0.351	0.354	3.02#
46) T	Dibromomethane	0.303	0.279	0.269	0.279	0.277	0.271	0.280	4.32
47) T	Bromodichlorom...	0.556	0.515	0.483	0.521	0.511	0.503	0.515	4.68
48) T	Methyl methacr...	0.331	0.343	0.349	0.382	0.397	0.396	0.366	7.91
49) T	1,4-Dioxane	0.013	0.010	0.010	0.012	0.011	0.011	0.011	9.40
50) S	Toluene-d8		1.299	1.066	1.258	1.211	1.207	1.208	7.29
51) T	4-Methyl-2-Pen...	0.556	0.551	0.558	0.611	0.624	0.613	0.586	5.82
52) CM	Toluene	0.912	0.880	0.872	0.931	0.905	0.899	0.900	2.42#
53) T	t-1,3-Dichloro...	0.538	0.554	0.541	0.591	0.603	0.617	0.574	5.93
54) T	cis-1,3-Dichlo...	0.555	0.550	0.567	0.618	0.624	0.623	0.590	6.04
55) T	1,1,2-Trichlor...	0.392	0.389	0.365	0.390	0.384	0.390	0.385	2.67
56) T	Ethyl methacry...	0.453	0.482	0.515	0.595	0.629	0.642	0.553	14.41

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57)	T	1,3-Dichloropr...	0.628	0.623	0.600	0.635	0.633	0.638	0.626	2.24
58)	T	2-Chloroethyl ...	0.019	0.026	0.026	0.045	0.055	0.066	0.039	47.38
59)	T	2-Hexanone	0.439	0.444	0.467	0.511	0.515	0.505	0.480	7.19
60)	T	Dibromochlorom...	0.434	0.425	0.420	0.448	0.458	0.468	0.442	4.30
61)	T	1,2-Dibromoethane	0.437	0.435	0.419	0.439	0.444	0.448	0.437	2.32
62)	S	4-Bromofluorob...	0.484	0.399	0.494	0.465	0.512	0.470		9.27
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.408	0.375	0.353	0.366	0.373	0.344	0.370	6.04
65)	PM	Chlorobenzene	1.146	1.061	1.023	1.074	1.052	1.041	1.066	4.03
66)	T	1,1,1,2-Tetrac...	0.434	0.375	0.371	0.390	0.394	0.393	0.393	5.66
67)	C	Ethyl Benzene	1.723	1.681	1.673	1.818	1.803	1.777	1.746	3.58#
68)	T	m/p-Xylenes	0.623	0.649	0.679	0.731	0.725	0.713	0.686	6.38
69)	T	o-Xylene	0.570	0.609	0.643	0.701	0.714	0.707	0.657	9.04
70)	T	Styrene	0.868	1.006	1.068	1.187	1.217	1.206	1.092	12.67
71)	P	Bromoform	0.395	0.375	0.374	0.411	0.431	0.423	0.401	6.05
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	2.952	2.820	2.838	3.015	2.865	3.054	2.924	3.33
74)	T	N-amyl acetate	1.124	1.023	1.107	1.216	1.209	1.255	1.156	7.49
75)	P	1,1,2,2-Tetrac...	1.357	1.233	1.154	1.225	1.164	1.194	1.221	6.03
76)	T	1,2,3-Trichlor...	1.585	1.330	1.306	1.401	1.374	1.402	1.400	7.05
77)	T	Bromobenzene	0.852	0.844	0.821	0.856	0.819	0.850	0.840	1.91
78)	T	n-propylbenzene	3.387	3.320	3.432	3.657	3.478	3.688	3.494	4.25
79)	T	2-Chlorotoluene	2.211	2.003	2.063	2.146	2.039	2.134	2.099	3.69
80)	T	1,3,5-Trimethy...	2.237	2.345	2.430	2.628	2.497	2.657	2.466	6.60
81)	T	trans-1,4-Dich...	0.341	0.355	0.412	0.419	0.439	0.393		10.88
82)	T	4-Chlorotoluene	2.409	2.361	2.386	2.524	2.417	2.536	2.439	3.00
83)	T	tert-Butylbenzene	2.414	2.374	2.403	2.619	2.672	2.727	2.535	6.14
84)	T	1,2,4-Trimethy...	2.199	2.275	2.422	2.592	2.600	2.614	2.450	7.39
85)	T	sec-Butylbenzene	2.778	2.849	2.991	3.258	3.301	3.386	3.094	8.24
86)	T	p-Isopropyltol...	2.279	2.439	2.596	2.835	2.854	2.913	2.653	9.69
87)	T	1,3-Dichlorobe...	1.850	1.669	1.580	1.649	1.644	1.647	1.673	5.48
88)	T	1,4-Dichlorobe...	2.043	1.703	1.581	1.675	1.641	1.638	1.714	9.71
89)	T	n-Butylbenzene	2.316	2.281	2.377	2.599	2.616	2.684	2.479	7.01
90)	T	Hexachloroethane	0.549	0.516	0.494	0.536	0.557	0.568	0.537	5.10
91)	T	1,2-Dichlorobe...	1.779	1.629	1.529	1.626	1.609	1.583	1.626	5.13
92)	T	1,2-Dibromo-3-...	0.323	0.289	0.288	0.312	0.316	0.297	0.304	4.92
93)	T	1,2,4-Trichlor...	1.149	1.061	1.125	1.202	1.193	1.187	1.153	4.67
94)	T	Hexachlorobuta...	0.666	0.539	0.546	0.585	0.568	0.585	0.582	7.87
95)	T	Naphthalene	3.556	2.790	3.296	3.630	3.706	3.631	3.435	10.08
96)	T	1,2,3-Trichlor...	1.137	1.039	1.100	1.158	1.156	1.124		4.20

(#) = Out of Range