

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U062722W.M
 Title : SW846 8260
 Last Update : Tue Jun 28 10:35:43 2022
 Response Via : Initial Calibration

Calibration Files

1 =VU049403.D 5 =VU049397.D 20 =VU049398.D 50 =VU049399.D 100 =VU049400.D 150 =VU049401.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.733	0.721	0.848	0.851	0.825	0.843	0.803	7.46
3) P	Chloromethane	1.488	1.115	0.984	0.975	1.003	0.961	1.088	18.75
4) C	Vinyl Chloride	0.746	0.802	0.819	0.840	0.811	0.835	0.809	4.18#
5) T	Bromomethane		0.273	0.257	0.232	0.244	0.251	0.252	6.12
6) T	Chloroethane	0.486	0.343	0.327	0.331	0.395	0.382	0.377	15.87
7) T	Trichlorofluor...	0.989	1.049	1.050	1.047	1.012	1.039	1.031	2.41
8) T	Diethyl Ether	0.404	0.377	0.365	0.359	0.361	0.369	0.372	4.49
9) T	1,1,2-Trichlor...	0.493	0.573	0.578	0.572	0.546	0.566	0.555	5.83
10) T	Methyl Iodide		0.346	0.466	0.426	0.581	0.626	0.489	23.35
11) T	Tert butyl alc...		0.174	0.155	0.164	0.202	0.206	0.180	12.65
12) CM	1,1-Dichloroet...	0.562	0.543	0.548	0.540	0.523	0.542	0.543	2.34#
13) T	Acrolein		0.136	0.118	0.116	0.121	0.119	0.122	6.51
14) T	Allyl chloride	1.057	1.121	1.105	1.089	1.087	1.126	1.098	2.32
15) T	Acrylonitrile	0.424	0.450	0.434	0.425	0.429	0.439	0.433	2.26
16) T	Acetone	0.437	0.365	0.412	0.351	0.407	0.358	0.388	8.96
17) T	Carbon Disulfide	2.009	1.654	1.653	1.619	1.575	1.651	1.694	9.29
18) T	Methyl Acetate	1.123	1.144	1.048	0.998	0.985	1.010	1.051	6.44
19) T	Methyl tert-bu...	1.993	2.104	2.010	2.006	1.970	2.035	2.020	2.30
20) T	Methylene Chlo...	0.950	0.730	0.684	0.647	0.634	0.643	0.715	16.86
21) T	trans-1,2-Dich...	0.590	0.603	0.595	0.584	0.563	0.576	0.585	2.46
22) T	Diisopropyl ether	1.954	2.186	2.186	2.111	2.047	2.090	2.096	4.21
23) T	Vinyl Acetate	1.650	1.824	1.881	1.870	1.873	1.923	1.837	5.27
24) P	1,1-Dichloroet...	1.124	1.317	1.247	1.197	1.162	1.176	1.204	5.72
25) T	2-Butanone	0.546	0.585	0.599	0.553	0.611	0.599	0.582	4.61
26) T	2,2-Dichloropr...	0.969	1.027	1.018	1.006	0.993	0.999	1.002	2.04
27) T	cis-1,2-Dichlo...	0.667	0.701	0.677	0.672	0.657	0.683	0.676	2.24
28) T	Bromochloromet...	0.504	0.535	0.557	0.539	0.504	0.519	0.526	3.97
29) T	Tetrahydrofuran	0.418	0.418	0.396	0.382	0.388	0.394	0.399	3.83
30) C	Chloroform	1.194	1.295	1.203	1.172	1.125	1.155	1.191	4.91#
31) T	Cyclohexane		1.308	1.168	1.135	1.070	1.100	1.156	7.99
32) T	1,1,1-Trichlor...	0.930	1.090	1.064	1.067	1.007	1.039	1.033	5.62
33) S	1,2-Dichloroet...		0.806	0.776	0.780	0.733	0.755	0.770	3.60
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.372	0.347	0.355	0.336	0.340	0.350	4.07
36) T	1,1-Dichloropr...	0.503	0.502	0.514	0.513	0.499	0.513	0.507	1.34
37) T	Ethyl Acetate	0.664	0.722	0.678	0.751	0.670	0.674	0.693	5.10
38) T	Carbon Tetrach...	0.498	0.546	0.539	0.547	0.526	0.536	0.532	3.41
39) T	Methylcyclohexane	0.517	0.579	0.635	0.646	0.627	0.644	0.608	8.34
40) TM	Benzene	1.501	1.598	1.568	1.536	1.481	1.503	1.531	2.92
41) T	Methacrylonitrile	0.359	0.328	0.352	0.341	0.349	0.355	0.347	3.30
42) TM	1,2-Dichloroet...	0.529	0.602	0.591	0.579	0.556	0.563	0.570	4.65
43) T	Isopropyl Acetate	0.923	1.094	1.020	1.007	1.015	1.035	1.016	5.40
44) TM	Trichloroethene	0.359	0.374	0.370	0.363	0.355	0.363	0.364	1.90
45) C	1,2-Dichloropr...	0.451	0.423	0.429	0.419	0.410	0.415	0.424	3.41#
46) T	Dibromomethane	0.264	0.294	0.289	0.287	0.281	0.282	0.283	3.62
47) T	Bromodichlorom...	0.499	0.559	0.558	0.552	0.543	0.556	0.545	4.23
48) T	Methyl methacr...	0.453	0.464	0.480	0.480	0.483	0.497	0.476	3.23
49) T	1,4-Dioxane	0.014	0.012	0.012	0.011	0.012	0.012	0.012	6.49
50) S	Toluene-d8		1.252	1.250	1.265	1.229	1.243	1.248	1.06
51) T	4-Methyl-2-Pen...	0.664	0.675	0.691	0.684	0.674	0.689	0.680	1.53
52) CM	Toluene	0.877	0.914	0.926	0.912	0.910	0.921	0.910	1.89#
53) T	t-1,3-Dichloro...	0.522	0.544	0.590	0.604	0.610	0.634	0.584	7.32
54) T	cis-1,3-Dichlo...	0.534	0.608	0.636	0.649	0.649	0.665	0.624	7.65
55) T	1,1,2-Trichlor...	0.356	0.385	0.386	0.387	0.373	0.371	0.376	3.22
56) T	Ethyl methacry...	0.556	0.595	0.637	0.666	0.651	0.672	0.629	7.17

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : 82U062722W.M

57)	T	1,3-Dichloropr...	0.641	0.702	0.669	0.675	0.653	0.666	0.668	3.11
58)	T	2-Chloroethyl ...		0.017	0.042	0.054	0.048	0.051	0.043	35.10
59)	T	2-Hexanone	0.538	0.522	0.539	0.528	0.535	0.546	0.534	1.59
60)	T	Dibromochlorom...	0.312	0.396	0.405	0.415	0.406	0.414	0.391	10.12
61)	T	1,2-Dibromoethane	0.400	0.417	0.417	0.409	0.405	0.412	0.410	1.64
62)	S	4-Bromofluorob...		0.454	0.465	0.491	0.479	0.500	0.478	3.91
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.324	0.332	0.329	0.319	0.311	0.310	0.321	2.87
65)	PM	Chlorobenzene	1.042	1.045	1.038	1.012	0.990	1.007	1.022	2.18
66)	T	1,1,1,2-Tetrac...	0.336	0.410	0.402	0.395	0.383	0.388	0.386	6.79
67)	C	Ethyl Benzene	1.781	1.860	1.900	1.893	1.897	1.928	1.877	2.74#
68)	T	m/p-Xylenes	0.647	0.685	0.725	0.701	0.698	0.709	0.694	3.82
69)	T	o-Xylene	0.666	0.686	0.706	0.702	0.684	0.692	0.689	2.10
70)	T	Styrene	0.937	1.044	1.160	1.168	1.154	1.182	1.108	8.79
71)	P	Bromoform	0.259	0.341	0.346	0.346	0.339	0.354	0.331	10.70
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.084	3.811	3.596	3.757	3.594	3.528	3.562	7.23
74)	T	N-ethyl acetate		1.883	1.853	1.920	1.869	1.900	1.885	1.38
75)	P	1,1,2,2-Tetrac...	1.341	1.786	1.563	1.511	1.431	1.420	1.509	10.35
76)	T	1,2,3-Trichlor...	1.543	1.896	1.714	1.710	1.639	1.667	1.695	6.88
77)	T	Bromobenzene	0.931	0.917	0.861	0.873	0.819	0.816	0.869	5.55
78)	T	n-propylbenzene	4.029	4.207	4.333	4.545	4.446	4.408	4.328	4.28
79)	T	2-Chlorotoluene	2.592	2.823	2.672	2.740	2.582	2.590	2.666	3.70
80)	T	1,3,5-Trimethy...	2.787	3.221	3.127	3.265	3.152	3.105	3.110	5.43
81)	T	trans-1,4-Dich...		0.425	0.433	0.473	0.473	0.491	0.459	6.16
82)	T	4-Chlorotoluene	2.843	3.052	3.015	3.108	2.981	2.994	2.999	2.97
83)	T	tert-Butylbenzene	2.581	3.317	3.096	3.235	3.068	3.053	3.058	8.37
84)	T	1,2,4-Trimethy...	2.698	3.040	3.062	3.258	3.140	3.131	3.055	6.25
85)	T	sec-Butylbenzene	3.422	3.798	3.877	4.101	3.929	3.945	3.845	5.99
86)	T	p-Isopropyltol...	2.856	2.935	3.082	3.314	3.225	3.246	3.110	5.92
87)	T	1,3-Dichlorobe...	1.729	1.737	1.655	1.646	1.597	1.609	1.662	3.54
88)	T	1,4-Dichlorobe...	1.859	1.744	1.611	1.612	1.591	1.606	1.671	6.47
89)	T	n-Butylbenzene	3.054	2.561	2.595	2.878	3.066	3.117	2.879	8.56
90)	T	Hexachloroethane	0.532	0.680	0.610	0.644	0.618	0.633	0.619	7.97
91)	T	1,2-Dichlorobe...	1.652	1.767	1.701	1.663	1.614	1.624	1.670	3.38
92)	T	1,2-Dibromo-3-...	0.376	0.394	0.377	0.381	0.392	0.401	0.387	2.67
93)	T	1,2,4-Trichlor...	1.591	1.016	1.003	1.054	1.126	1.163	1.159	19.05
94)	T	Hexachlorobuta...	0.506	0.499	0.516	0.534	0.522	0.532	0.518	2.71
95)	T	Naphthalene	8.141	3.585	3.346	3.651	3.967	4.051	4.457	40.91
96)	T	1,2,3-Trichlor...	1.715	1.091	1.046	1.114	1.153	1.182	1.217	20.44

(#) = Out of Range