

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X092321W.M
 Title : SW846 8260
 Last Update : Thu Sep 23 18:24:34 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX024450.D 5 =VX024451.D 20 =VX024452.D 50 =VX024453.D 100 =VX024454.D 150 =VX024455.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.411	0.498	0.528	0.528	0.555	0.499	0.503	9.93
3) P	Chloromethane	0.479	0.503	0.454	0.482	0.482	0.445	0.474	4.49
4) C	Vinyl Chloride	0.457	0.506	0.487	0.511	0.531	0.483	0.496	5.20#
5) T	Bromomethane		0.376	0.348	0.346	0.331	0.268	0.334	11.98
6) T	Chloroethane	0.557	0.377	0.301	0.323	0.334		0.378	27.29
7) T	Trichlorofluor...	0.843	0.933	0.844	0.893	0.923	0.817	0.875	5.45
8) T	Diethyl Ether	0.318	0.302	0.289	0.289	0.312	0.278	0.298	5.24
9) T	1,1,2-Trichlor...	0.478	0.537	0.475	0.496	0.511	0.465	0.494	5.41
10) T	Methyl Iodide		0.659	0.632	0.709	0.762	0.691	0.691	7.20
11) T	Tert butyl alc...		0.235	0.166	0.170	0.159	0.158	0.178	18.22
12) CM	1,1-Dichloroet...	0.421	0.493	0.451	0.456	0.486	0.443	0.458	5.88#
13) T	Acrolein		0.044	0.028	0.039	0.039	0.039	0.038	15.37
14) T	Allyl chloride	0.829	0.823	0.792	0.854	0.900	0.829	0.838	4.35
15) T	Acrylonitrile	0.347	0.321	0.302	0.320	0.328	0.303	0.320	5.26
16) T	Acetone	0.435	0.335	0.302	0.315	0.304	0.282	0.329	16.63
17) T	Carbon Disulfide	1.607	1.153	1.055	1.152	1.251	1.161	1.230	15.86
18) T	Methyl Acetate	1.204	1.084	0.982	1.033	1.053	0.976	1.055	7.94
19) T	Methyl tert-bu...	1.753	1.723	1.618	1.725	1.857	1.689	1.727	4.55
20) T	Methylene Chlo...	0.899	0.605	0.508	0.526	0.553	0.506	0.599	25.24
21) T	trans-1,2-Dich...	0.574	0.522	0.479	0.512	0.539	0.496	0.520	6.46
22) T	Diisopropyl ether	1.734	1.712	1.582	1.719	1.853	1.672	1.712	5.14
23) T	Vinyl Acetate	1.283	1.340	1.323	1.443	1.543	1.386	1.386	6.80
24) P	1,1-Dichloroet...	0.922	0.980	0.898	0.961	1.016	0.926	0.951	4.56
25) T	2-Butanone	0.506	0.483	0.461	0.498	0.500	0.463	0.485	3.99
26) T	2,2-Dichloropr...	0.849	0.883	0.811	0.861	0.907	0.819	0.855	4.31
27) T	cis-1,2-Dichlo...	0.649	0.624	0.554	0.603	0.637	0.584	0.608	5.87
28) T	Bromochloromet...	0.466	0.459	0.393	0.395	0.442	0.435	0.432	7.22
29) T	Tetrahydrofuran	0.313	0.301	0.292	0.322	0.326	0.302	0.309	4.20
30) C	Chloroform	1.099	1.041	0.987	1.047	1.119	1.006	1.050	4.89#
31) T	Cyclohexane		0.827	0.784	0.857	0.920	0.829	0.844	5.93
32) T	1,1,1-Trichlor...	0.843	0.928	0.885	0.963	1.041	0.932	0.932	7.26
33) S	1,2-Dichloroet...		0.768	0.641	0.699	0.725	0.690	0.705	6.61
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.337	0.295	0.335	0.355	0.340	0.332	6.71
36) T	1,1-Dichloropr...	0.468	0.500	0.441	0.483	0.520	0.464	0.479	5.83
37) T	Ethyl Acetate	0.645	0.632	0.545	0.594	0.619	0.556	0.598	6.84
38) T	Carbon Tetrach...	0.438	0.528	0.490	0.552	0.593	0.530	0.522	10.19
39) T	Methylcyclohexane	0.457	0.592	0.531	0.592	0.633	0.563	0.561	10.95
40) TM	Benzene	1.349	1.453	1.284	1.371	1.465	1.302	1.371	5.49
41) T	Methacrylonitrile	0.297	0.310	0.286	0.317	0.336	0.308	0.309	5.59
42) TM	1,2-Dichloroet...	0.579	0.603	0.537	0.589	0.611	0.536	0.576	5.63
43) T	Isopropyl Acetate	0.931	0.906	0.838	0.915	0.982	0.886	0.910	5.25
44) TM	Trichloroethene	0.377	0.394	0.348	0.376	0.403	0.365	0.377	5.21
45) C	1,2-Dichloropr...	0.334	0.374	0.331	0.357	0.386	0.340	0.354	6.40#
46) T	Dibromomethane	0.277	0.271	0.242	0.265	0.284	0.252	0.265	5.95
47) T	Bromodichlorom...	0.463	0.450	0.449	0.510	0.550	0.494	0.486	8.15
48) T	Methyl methacr...	0.457	0.438	0.408	0.465	0.491	0.444	0.451	6.19
49) T	1,4-Dioxane	0.011	0.010	0.009	0.011	0.010	0.010	0.010	5.06
50) S	Toluene-d8		1.268	1.048	1.238	1.309	1.249	1.223	8.27
51) T	4-Methyl-2-Pen...	0.574	0.603	0.570	0.625	0.646	0.586	0.601	5.03
52) CM	Toluene	0.827	0.903	0.833	0.907	0.972	0.870	0.885	6.10#
53) T	t-1,3-Dichloro...	0.501	0.515	0.492	0.577	0.639	0.581	0.551	10.44
54) T	cis-1,3-Dichlo...	0.478	0.538	0.521	0.586	0.651	0.586	0.560	10.81
55) T	1,1,2-Trichlor...	0.335	0.372	0.343	0.375	0.408	0.363	0.366	7.13
56) T	Ethyl methacry...	0.536	0.547	0.531	0.610	0.667	0.605	0.583	9.26

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57)	T	1,3-Dichloropr...	0.636	0.617	0.564	0.623	0.670	0.595	0.618	5.82
58)	T	2-Chloroethyl ...	0.295	0.268	0.236	0.306	0.322	0.298	0.288	10.73
59)	T	2-Hexanone	0.442	0.459	0.450	0.502	0.515	0.471	0.473	6.22
60)	T	Dibromochlorom...	0.276	0.345	0.339	0.404	0.450	0.411	0.371	16.88
61)	T	1,2-Dibromoethane	0.386	0.387	0.373	0.415	0.447	0.403	0.402	6.59
62)	S	4-Bromofluorob...		0.478	0.393	0.484	0.530	0.519	0.481	11.22
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.330	0.363	0.327	0.355	0.370	0.332	0.346	5.43
65)	PM	Chlorobenzene	0.992	1.087	0.976	1.069	1.116	1.010	1.042	5.44
66)	T	1,1,1,2-Tetrac...	0.348	0.390	0.360	0.406	0.432	0.393	0.388	7.85
67)	C	Ethyl Benzene	1.693	1.830	1.741	1.956	2.038	1.805	1.844	7.08#
68)	T	m/p-Xylenes	0.595	0.701	0.672	0.762	0.799	0.714	0.707	10.08
69)	T	o-Xylene	0.616	0.678	0.664	0.739	0.792	0.706	0.699	8.80
70)	T	Styrene	0.991	1.128	1.086	1.251	1.345	1.215	1.169	10.81
71)	P	Bromoform	0.235	0.254	0.263	0.317	0.364	0.345	0.296	17.87
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.361	3.719	3.369	3.643	3.769	3.347	3.535	5.56
74)	T	N-amyl acetate	1.657	1.615	1.503	1.663	1.741	1.577	1.626	5.02
75)	P	1,1,2,2-Tetrac...	1.335	1.334	1.157	1.246	1.279	1.150	1.250	6.58
76)	T	1,2,3-Trichlor...	1.195	1.191	1.080	1.141	1.169	1.037	1.135	5.62
77)	T	Bromobenzene	0.939	0.983	0.842	0.898	0.945	0.849	0.910	6.20
78)	T	n-propylbenzene	3.937	4.282	3.904	4.251	4.462	3.956	4.132	5.59
79)	T	2-Chlorotoluene	2.474	2.647	2.340	2.564	2.689	2.389	2.517	5.57
80)	T	1,3,5-Trimethy...	2.541	3.207	2.863	3.193	3.339	2.974	3.020	9.63
81)	T	trans-1,4-Dich...		0.320	0.325	0.405	0.451	0.411	0.382	15.04
82)	T	4-Chlorotoluene	2.902	3.127	2.724	3.023	3.171	2.823	2.962	5.92
83)	T	tert-Butylbenzene	2.751	3.148	2.869	3.157	3.305	2.934	3.027	6.91
84)	T	1,2,4-Trimethy...	2.560	3.113	2.889	3.181	3.318	2.954	3.002	8.87
85)	T	sec-Butylbenzene	3.169	3.883	3.542	3.930	4.144	3.679	3.724	9.20
86)	T	p-Isopropyltol...	2.773	3.184	3.001	3.372	3.539	3.186	3.176	8.48
87)	T	1,3-Dichlorobe...	1.852	1.792	1.564	1.723	1.819	1.644	1.732	6.42
88)	T	1,4-Dichlorobe...	2.040	1.889	1.581	1.742	1.828	1.656	1.789	9.27
89)	T	n-Butylbenzene	2.376	2.870	2.607	2.962	3.166	2.891	2.812	9.93
90)	T	Hexachloroethane	0.496	0.499	0.465	0.536	0.592	0.545	0.522	8.64
91)	T	1,2-Dichlorobe...	1.840	1.770	1.578	1.701	1.767	1.619	1.712	5.81
92)	T	1,2-Dibromo-3-...	0.290	0.281	0.275	0.316	0.335	0.314	0.302	7.80
93)	T	1,2,4-Trichlor...	1.138	1.025	0.963	1.103	1.204	1.109	1.090	7.79
94)	T	Hexachlorobuta...	0.481	0.542	0.454	0.505	0.529	0.482	0.499	6.57
95)	T	Naphthalene	2.735	3.154	3.275	3.860	4.130	3.784	3.490	14.96
96)	T	1,2,3-Trichlor...	1.220	1.065	0.974	1.123	1.206	1.116	1.117	8.17

(#) = Out of Range