

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X081721W.M
 Title : SW846 8260
 Last Update : Tue Aug 17 11:57:51 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX023753.D 5 =VX023754.D 20 =VX023755.D 50 =VX023756.D 100 =VX023757.D 150 =VX023758.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.522	0.539	0.471	0.578	0.536	0.518	0.528	6.60
3) P	Chloromethane	0.594	0.625	0.520	0.616	0.562	0.557	0.579	6.88
4) C	Vinyl Chloride	0.553	0.580	0.513	0.612	0.569	0.561	0.565	5.80#
5) T	Bromomethane		0.422	0.354	0.365	0.321	0.313	0.355	12.25
6) T	Chloroethane	0.536	0.394	0.324	0.388	0.373	0.284	0.383	22.40
7) T	Trichlorofluor...	0.832	0.948	0.804	0.961	0.919	0.888	0.892	7.07
8) T	Diethyl Ether	0.290	0.325	0.281	0.337	0.326	0.311	0.311	7.08
9) T	1,1,2-Trichlor...	0.508	0.522	0.452	0.543	0.504	0.483	0.502	6.31
10) T	Methyl Iodide		0.632	0.618	0.789	0.753	0.703	0.699	10.61
11) T	Tert butyl alc...		0.149	0.127	0.153	0.143	0.133	0.141	7.55
12) CM	1,1-Dichloroet...	0.459	0.504	0.436	0.514	0.491	0.474	0.480	6.11#
13) T	Acrolein		0.093	0.076	0.089	0.076	0.085	0.084	8.94
14) T	Allyl chloride	0.881	0.898	0.771	0.951	0.915	0.888	0.884	6.87
15) T	Acrylonitrile	0.296	0.333	0.287	0.339	0.319	0.312	0.314	6.51
16) T	Acetone	0.358	0.332	0.288	0.321	0.295	0.278	0.312	9.73
17) T	Carbon Disulfide	1.053	1.067	0.969	1.268	1.251	1.259	1.144	11.39
18) T	Methyl Acetate	0.807	0.828	0.698	0.817	0.779	0.745	0.779	6.39
19) T	Methyl tert-bu...	1.462	1.721	1.506	1.824	1.764	1.743	1.670	8.92
20) T	Methylene Chlo...	0.716	0.640	0.512	0.601	0.557	0.549	0.596	12.37
21) T	trans-1,2-Dich...	0.481	0.539	0.460	0.548	0.532	0.516	0.513	6.82
22) T	Diisopropyl ether	1.565	1.808	1.551	1.915	1.867	1.862	1.761	9.16
23) T	Vinyl Acetate	1.203	1.427	1.280	1.584	1.538	1.516	1.425	10.72
24) P	1,1-Dichloroet...	0.919	1.042	0.873	1.052	1.011	0.985	0.980	7.23
25) T	2-Butanone	0.438	0.498	0.426	0.514	0.488	0.471	0.473	7.31
26) T	2,2-Dichloropr...	0.771	0.804	0.708	0.872	0.846	0.827	0.805	7.30
27) T	cis-1,2-Dichlo...	0.578	0.650	0.544	0.657	0.625	0.606	0.610	7.11
28) T	Bromochloromet...	0.373	0.418	0.420	0.490	0.469	0.505	0.446	11.32
29) T	Tetrahydrofuran	0.279	0.316	0.274	0.333	0.321	0.313	0.306	7.84
30) C	Chloroform	1.030	1.067	0.918	1.099	1.063	1.051	1.038	6.06#
31) T	Cyclohexane		0.896	0.781	0.967	0.936	0.903	0.897	7.85
32) T	1,1,1-Trichlor...	0.791	0.900	0.781	0.977	0.950	0.934	0.889	9.40
33) S	1,2-Dichloroet...		0.719	0.631	0.720	0.698	0.721	0.698	5.53
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.339	0.293	0.347	0.336	0.340	0.331	6.48
36) T	1,1-Dichloropr...	0.431	0.468	0.415	0.506	0.490	0.469	0.463	7.40
37) T	Ethyl Acetate	0.574	0.583	0.499	0.598	0.588	0.572	0.569	6.24
38) T	Carbon Tetrach...	0.464	0.460	0.409	0.533	0.522	0.508	0.483	9.72
39) T	Methylcyclohexane	0.522	0.558	0.496	0.630	0.600	0.577	0.564	8.77
40) TM	Benzene	1.344	1.418	1.203	1.476	1.418	1.356	1.369	6.89
41) T	Methacrylonitrile	0.313	0.302	0.269	0.332	0.325	0.311	0.309	7.21
42) TM	1,2-Dichloroet...	0.492	0.565	0.481	0.584	0.562	0.545	0.538	7.82
43) T	Isopropyl Acetate	0.803	0.910	0.778	0.959	0.956	0.935	0.890	8.93
44) TM	Trichloroethene	0.379	0.396	0.330	0.402	0.390	0.373	0.378	6.90
45) C	1,2-Dichloropr...	0.341	0.384	0.319	0.396	0.376	0.365	0.364	7.94#
46) T	Dibromomethane	0.228	0.265	0.226	0.275	0.266	0.258	0.253	8.27
47) T	Bromodichlorom...	0.391	0.439	0.392	0.513	0.508	0.504	0.458	12.70
48) T	Methyl methacr...	0.358	0.433	0.386	0.483	0.478	0.468	0.434	12.02
49) T	1,4-Dioxane	0.009	0.010	0.008	0.010	0.009	0.008	0.009	7.94
50) S	Toluene-d8		1.249	1.112	1.326	1.290	1.321	1.260	6.98
51) T	4-Methyl-2-Pen...	0.493	0.614	0.521	0.649	0.617	0.559	0.576	10.61
52) CM	Toluene	0.799	0.917	0.771	0.972	0.941	0.924	0.887	9.26#
53) T	t-1,3-Dichloro...	0.395	0.480	0.441	0.594	0.608	0.609	0.521	18.11
54) T	cis-1,3-Dichlo...	0.460	0.524	0.485	0.619	0.622	0.618	0.555	13.39
55) T	1,1,2-Trichlor...	0.331	0.377	0.321	0.395	0.390	0.377	0.365	8.61
56) T	Ethyl methacry...	0.440	0.561	0.496	0.645	0.655	0.619	0.569	15.24

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57)	T	1,3-Dichloropr...	0.533	0.636	0.534	0.668	0.641	0.623	0.606	9.55
58)	T	2-Chloroethyl ...	0.241	0.295	0.264	0.319	0.319	0.327	0.294	11.84
59)	T	2-Hexanone	0.369	0.459	0.418	0.507	0.474	0.427	0.442	10.94
60)	T	Dibromochlorom...	0.255	0.321	0.303	0.412	0.420	0.409	0.353	19.70
61)	T	1,2-Dibromoethane	0.321	0.391	0.339	0.433	0.423	0.408	0.386	11.94
62)	S	4-Bromofluorob...		0.421	0.395	0.503	0.502	0.497	0.464	11.08
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.404	0.448	0.361	0.423	0.386	0.373	0.399	8.15
65)	PM	Chlorobenzene	0.981	1.120	0.929	1.121	1.063	1.046	1.043	7.34
66)	T	1,1,1,2-Tetrac...	0.320	0.365	0.330	0.414	0.401	0.398	0.371	10.61
67)	C	Ethyl Benzene	1.641	1.839	1.627	2.020	1.914	1.892	1.822	8.64#
68)	T	m/p-Xylenes	0.603	0.700	0.612	0.774	0.748	0.727	0.694	10.29
69)	T	o-Xylene	0.593	0.686	0.605	0.760	0.735	0.712	0.682	10.10
70)	T	Styrene	0.865	1.098	0.988	1.267	1.250	1.197	1.111	14.34
71)	P	Bromoform	0.191	0.235	0.221	0.312	0.309	0.309	0.263	20.38
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.435	4.081	3.399	4.160	3.975	3.832	3.814	8.56
74)	T	N-amyl acetate	1.572	1.738	1.571	1.907	1.788	1.765	1.724	7.60
75)	P	1,1,2,2-Tetrac...	1.316	1.349	1.144	1.291	1.209	1.191	1.250	6.40
76)	T	1,2,3-Trichlor...	1.207	1.263	1.087	1.244	1.124	1.073	1.166	7.05
77)	T	Bromobenzene	0.841	1.020	0.875	1.015	0.957	0.927	0.939	7.74
78)	T	n-propylbenzene	3.831	4.549	3.932	4.819	4.610	4.431	4.362	9.04
79)	T	2-Chlorotoluene	2.324	2.877	2.363	2.896	2.741	2.618	2.636	9.43
80)	T	1,3,5-Trimethy...	2.656	3.317	2.831	3.511	3.303	3.188	3.134	10.36
81)	T	trans-1,4-Dich...		0.344	0.331	0.440	0.434	0.433	0.397	13.68
82)	T	4-Chlorotoluene	2.594	3.136	2.696	3.339	3.153	3.037	2.993	9.62
83)	T	tert-Butylbenzene	2.643	3.190	2.760	3.383	3.194	3.093	3.044	9.32
84)	T	1,2,4-Trimethy...	2.621	3.352	2.861	3.472	3.282	3.162	3.125	10.33
85)	T	sec-Butylbenzene	3.097	4.005	3.535	4.402	4.108	3.976	3.854	12.04
86)	T	p-Isopropyltol...	2.456	3.251	2.900	3.658	3.423	3.342	3.172	13.53
87)	T	1,3-Dichlorobe...	1.645	1.769	1.515	1.832	1.741	1.694	1.699	6.51
88)	T	1,4-Dichlorobe...	1.633	1.770	1.495	1.834	1.740	1.699	1.695	7.02
89)	T	n-Butylbenzene	2.357	2.811	2.540	3.228	3.039	3.017	2.832	11.67
90)	T	Hexachloroethane	0.357	0.439	0.426	0.583	0.560	0.563	0.488	19.04
91)	T	1,2-Dichlorobe...	1.586	1.731	1.497	1.761	1.663	1.640	1.646	5.85
92)	T	1,2-Dibromo-3-...	0.188	0.236	0.224	0.292	0.301	0.302	0.257	18.67
93)	T	1,2,4-Trichlor...	0.811	0.999	0.871	1.089	1.077	1.097	0.991	12.37
94)	T	Hexachlorobuta...	0.435	0.460	0.399	0.464	0.442	0.449	0.442	5.31
95)	T	Naphthalene	2.121	3.102	2.950	3.761	3.754	3.698	3.231	20.06
96)	T	1,2,3-Trichlor...	0.789	0.962	0.879	1.100	1.084	1.107	0.987	13.46

(#) = Out of Range