

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X101321W.M
 Title : SW846 8260
 Last Update : Thu Oct 14 03:51:38 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX024785.D 5 =VX024778.D 20 =VX024779.D 50 =VX024780.D 100 =VX024781.D 150 =VX024782.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.518	0.502	0.579	0.558	0.531	0.508	0.533	5.67
3) P	Chloromethane	0.527	0.449	0.471	0.469	0.443	0.423	0.464	7.67
4) C	Vinyl Chloride	0.466	0.457	0.520	0.499	0.475	0.467	0.481	4.99#
5) T	Bromomethane		0.281	0.341	0.280	0.246	0.227	0.275	15.84
6) T	Chloroethane	0.262	0.323	0.316	0.313	0.306	0.254	0.296	10.11
7) T	Trichlorofluor...	0.861	0.771	0.872	0.856	0.810	0.757	0.821	6.02
8) T	Diethyl Ether	0.264	0.259	0.285	0.284	0.269	0.257	0.270	4.58
9) T	1,1,2-Trichlor...	0.551	0.457	0.497	0.486	0.462	0.444	0.483	8.05
10) T	Methyl Iodide		0.400	0.566	0.625	0.628	0.610	0.566	16.99
11) T	Tert butyl alc...		0.103	0.144	0.140	0.132	0.130	0.130	12.20
12) CM	1,1-Dichloroet...	0.444	0.407	0.456	0.452	0.433	0.426	0.436	4.23#
13) T	Acrolein		0.063	0.048	0.053	0.053	0.053	0.054	9.90
14) T	Allyl chloride	0.720	0.694	0.848	0.851	0.824	0.790	0.788	8.48
15) T	Acrylonitrile	0.279	0.253	0.317	0.311	0.293	0.281	0.289	8.12
16) T	Acetone	0.326	0.261	0.393	0.348	0.302	0.275	0.317	15.40
17) T	Carbon Disulfide	1.406	0.975	1.110	1.134	1.114	1.098	1.140	12.50
18) T	Methyl Acetate	1.007	0.912	1.106	1.074	1.017	0.971	1.014	6.88
19) T	Methyl tert-bu...	1.521	1.461	1.681	1.713	1.672	1.619	1.611	6.18
20) T	Methylene Chlo...	0.620	0.468	0.537	0.518	0.501	0.483	0.521	10.37
21) T	trans-1,2-Dich...	0.538	0.433	0.492	0.497	0.492	0.469	0.487	7.12
22) T	Diisopropyl ether	1.429	1.463	1.715	1.703	1.660	1.572	1.590	7.75
23) T	Vinyl Acetate	1.029	1.068	1.347	1.351	1.300	1.233	1.221	11.55
24) P	1,1-Dichloroet...	0.912	0.863	0.975	0.951	0.915	0.873	0.915	4.74
25) T	2-Butanone	0.393	0.378	0.508	0.483	0.443	0.420	0.437	11.55
26) T	2,2-Dichloropr...	0.731	0.719	0.857	0.851	0.830	0.786	0.796	7.58
27) T	cis-1,2-Dichlo...	0.557	0.496	0.580	0.584	0.574	0.558	0.558	5.79
28) T	Bromochloromet...	0.369	0.383	0.337	0.384	0.426	0.393	0.382	7.65
29) T	Tetrahydrofuran	0.263	0.239	0.309	0.301	0.286	0.270	0.278	9.34
30) C	Chloroform	0.964	0.913	1.046	1.042	0.992	0.944	0.983	5.46#
31) T	Cyclohexane		0.738	0.841	0.871	0.840	0.804	0.819	6.21
32) T	1,1,1-Trichlor...	0.796	0.793	0.957	0.942	0.909	0.871	0.878	8.11
33) S	1,2-Dichloroet...		0.626	0.552	0.614	0.662	0.619	0.615	6.49
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.291	0.265	0.292	0.328	0.313	0.298	8.16
36) T	1,1-Dichloropr...	0.415	0.403	0.473	0.466	0.458	0.440	0.443	6.47
37) T	Ethyl Acetate	0.487	0.434	0.564	0.544	0.526	0.504	0.510	9.11
38) T	Carbon Tetrach...	0.457	0.450	0.527	0.522	0.518	0.500	0.496	6.88
39) T	Methylcyclohexane	0.537	0.500	0.566	0.568	0.570	0.550	0.549	4.89
40) TM	Benzene	1.167	1.175	1.390	1.337	1.311	1.252	1.272	7.08
41) T	Methacrylonitrile	0.256	0.240	0.308	0.300	0.292	0.273	0.278	9.46
42) TM	1,2-Dichloroet...	0.488	0.505	0.584	0.548	0.524	0.492	0.524	7.12
43) T	Isopropyl Acetate	0.643	0.718	0.873	0.851	0.837	0.808	0.789	11.33
44) TM	Trichloroethene	0.348	0.339	0.375	0.361	0.367	0.350	0.357	3.75
45) C	1,2-Dichloropr...	0.307	0.305	0.359	0.346	0.340	0.328	0.331	6.50#
46) T	Dibromomethane	0.222	0.218	0.261	0.251	0.249	0.236	0.239	7.08
47) T	Bromodichlorom...	0.379	0.405	0.491	0.485	0.486	0.470	0.453	10.65
48) T	Methyl methacr...	0.302	0.329	0.426	0.424	0.419	0.406	0.385	14.15
49) T	1,4-Dioxane	0.007	0.007	0.010	0.009	0.009	0.009	0.008	14.03
50) S	Toluene-d8		1.047	0.969	1.086	1.229	1.175	1.101	9.35
51) T	4-Methyl-2-Pen...	0.421	0.469	0.597	0.578	0.551	0.524	0.523	12.82
52) CM	Toluene	0.740	0.741	0.880	0.874	0.868	0.834	0.823	7.97#
53) T	t-1,3-Dichloro...	0.397	0.423	0.527	0.557	0.561	0.553	0.503	14.61
54) T	cis-1,3-Dichlo...	0.419	0.463	0.563	0.578	0.574	0.564	0.527	12.94
55) T	1,1,2-Trichlor...	0.306	0.318	0.381	0.369	0.363	0.349	0.348	8.58
56) T	Ethyl methacry...	0.367	0.433	0.554	0.577	0.587	0.576	0.516	17.94

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57)	T	1,3-Dichloropr...	0.496	0.515	0.623	0.606	0.592	0.568	0.567	9.01
58)	T	2-Chloroethyl ...	0.188	0.220	0.244	0.262	0.273	0.271	0.243	13.84
59)	T	2-Hexanone	0.310	0.352	0.481	0.465	0.436	0.412	0.409	16.23
60)	T	Dibromochlorom...	0.251	0.290	0.374	0.383	0.395	0.388	0.347	17.57
61)	T	1,2-Dibromoethane	0.324	0.334	0.400	0.401	0.398	0.386	0.374	9.48
62)	S	4-Bromofluorob...	0.400	0.363	0.427	0.493	0.482	0.433		12.68
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.381	0.363	0.394	0.371	0.355	0.331	0.366	6.00
65)	PM	Chlorobenzene	0.974	0.912	1.030	1.018	0.989	0.950	0.979	4.46
66)	T	1,1,1,2-Tetrac...	0.330	0.327	0.391	0.383	0.382	0.366	0.363	7.74
67)	C	Ethyl Benzene	1.598	1.537	1.802	1.820	1.781	1.699	1.706	6.84#
68)	T	m/p-Xylenes	0.546	0.590	0.707	0.723	0.709	0.676	0.658	11.13
69)	T	o-Xylene	0.559	0.564	0.689	0.702	0.697	0.664	0.646	10.33
70)	T	Styrene	0.813	0.906	1.142	1.195	1.186	1.139	1.063	15.25
71)	P	Bromoform	0.199	0.217	0.277	0.299	0.314	0.317	0.271	18.79
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.037	2.965	3.669	3.588	3.388	3.196	3.307	8.76
74)	T	N-amyl acetate	1.211	1.160	1.538	1.529	1.463	1.412	1.385	11.73
75)	P	1,1,2,2-Tetrac...	1.114	1.034	1.242	1.172	1.105	1.063	1.122	6.73
76)	T	1,2,3-Trichlor...	1.010	0.962	1.180	1.116	1.037	0.955	1.043	8.53
77)	T	Bromobenzene	0.877	0.772	0.909	0.880	0.851	0.809	0.850	5.95
78)	T	n-propylbenzene	3.452	3.353	4.252	4.144	3.951	3.708	3.810	9.63
79)	T	2-Chlorotoluene	2.220	2.113	2.589	2.511	2.391	2.254	2.346	7.79
80)	T	1,3,5-Trimethy...	2.252	2.491	3.219	3.119	2.959	2.793	2.805	13.33
81)	T	trans-1,4-Dich...	0.250	0.375	0.395	0.389	0.389	0.360		17.17
82)	T	4-Chlorotoluene	2.561	2.462	2.981	2.922	2.795	2.641	2.727	7.56
83)	T	tert-Butylbenzene	2.168	2.422	3.036	3.004	2.902	2.780	2.719	12.86
84)	T	1,2,4-Trimethy...	2.332	2.501	3.231	3.132	2.971	2.800	2.828	12.55
85)	T	sec-Butylbenzene	2.966	3.066	3.874	3.841	3.668	3.467	3.480	11.18
86)	T	p-Isopropyltol...	2.302	2.563	3.212	3.284	3.149	3.014	2.921	13.60
87)	T	1,3-Dichlorobe...	1.608	1.433	1.726	1.662	1.621	1.561	1.602	6.22
88)	T	1,4-Dichlorobe...	1.755	1.464	1.728	1.677	1.626	1.574	1.637	6.55
89)	T	n-Butylbenzene	2.211	2.131	2.788	2.852	2.779	2.679	2.573	12.34
90)	T	Hexachloroethane	0.379	0.408	0.487	0.513	0.515	0.511	0.469	12.80
91)	T	1,2-Dichlorobe...	1.571	1.440	1.697	1.661	1.607	1.524	1.584	5.90
92)	T	1,2-Dibromo-3-...	0.211	0.219	0.281	0.280	0.275	0.274	0.257	12.68
93)	T	1,2,4-Trichlor...	0.852	0.785	1.029	1.050	1.052	1.031	0.966	12.10
94)	T	Hexachlorobuta...	0.528	0.407	0.477	0.481	0.455	0.451	0.467	8.53
95)	T	Naphthalene	1.977	2.292	3.460	3.648	3.605	3.493	3.079	24.09
96)	T	1,2,3-Trichlor...	0.818	0.775	1.061	1.079	1.056	1.037	0.971	14.05

(#) = Out of Range