

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X072021W.M
 Title : SW846 8260
 Last Update : Wed Jul 21 06:29:39 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX023357.D 5 =VX023358.D 20 =VX023359.D 50 =VX023360.D 100 =VX023361.D 150 =VX023362.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.500	0.513	0.506	0.482	0.564	0.556	0.520	6.29
3) P	Chloromethane	0.229	0.253	0.208	0.246	0.235	0.244	0.236	6.81
4) C	Vinyl Chloride	0.219	0.264	0.232	0.249	0.265	0.267	0.249	7.88#
5) T	Bromomethane		0.297	0.200	0.244	0.227	0.229	0.240	14.98
6) T	Chloroethane	0.138	0.133	0.136	0.151	0.148	0.151	0.143	5.59
7) T	Trichlorofluor...	0.605	0.683	0.587	0.624	0.686	0.679	0.644	6.85
8) T	Diethyl Ether	0.099	0.168	0.139	0.167	0.162	0.156	0.149	17.74
9) T	1,1,2-Trichlor...	0.373	0.424	0.355	0.337	0.410	0.405	0.384	8.99
10) T	Methyl Iodide		0.359	0.415	0.601	0.603	0.605	0.517	23.21
11) T	Tert butyl alc...		0.119	0.102	0.125	0.114	0.112	0.114	7.44
12) CM	1,1-Dichloroet...	0.310	0.378	0.307	0.357	0.373	0.371	0.349	9.25#
13) T	Acrolein		0.041	0.027	0.033	0.031	0.030	0.032	15.95
14) T	Allyl chloride	0.361	0.408	0.361	0.437	0.423	0.398	0.398	7.92
15) T	Acrylonitrile	0.155	0.172	0.153	0.185	0.175	0.171	0.168	7.36
16) T	Acetone	0.164	0.173	0.151	0.182	0.170	0.170	0.168	6.12
17) T	Carbon Disulfide	1.010	0.857	0.761	0.862	0.907	0.916	0.885	9.27
18) T	Methyl Acetate	0.314	0.363	0.292	0.368	0.345	0.335	0.336	8.71
19) T	Methyl tert-bu...	1.184	1.523	1.275	1.561	1.473	1.455	1.412	10.55
20) T	Methylene Chlo...	0.543	0.438	0.378	0.419	0.407	0.405	0.432	13.47
21) T	trans-1,2-Dich...	0.395	0.426	0.370	0.417	0.427	0.410	0.407	5.38
22) T	Diisopropyl ether	0.762	0.865	0.710	0.864	0.812	0.800	0.802	7.47
23) T	Vinyl Acetate	0.636	0.779	0.694	0.850	0.801	0.784	0.757	10.30
24) P	1,1-Dichloroet...	0.641	0.641	0.566	0.686	0.669	0.649	0.642	6.45
25) T	2-Butanone	0.183	0.234	0.205	0.244	0.230	0.227	0.221	10.13
26) T	2,2-Dichloropr...	0.645	0.750	0.659	0.746	0.775	0.752	0.721	7.55
27) T	cis-1,2-Dichlo...	0.480	0.502	0.412	0.503	0.499	0.482	0.480	7.24
28) T	Bromochloromet...	0.173	0.236	0.181	0.216	0.206	0.209	0.204	11.37
29) T	Tetrahydrofuran	0.112	0.131	0.119	0.141	0.132	0.127	0.127	8.14
30) C	Chloroform	0.701	0.869	0.736	0.911	0.876	0.852	0.824	10.29#
31) T	Cyclohexane		0.492	0.432	0.446	0.509	0.498	0.476	7.17
32) T	1,1,1-Trichlor...	0.780	0.914	0.797	0.938	0.976	0.954	0.893	9.39
33) S	1,2-Dichloroet...		0.616	0.504	0.606	0.593	0.625	0.589	8.33
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.348	0.282	0.320	0.343	0.352	0.329	8.81
36) T	1,1-Dichloropr...	0.381	0.409	0.367	0.393	0.435	0.414	0.400	6.13
37) T	Ethyl Acetate	0.259	0.340	0.291	0.340	0.329	0.319	0.313	10.24
38) T	Carbon Tetrach...	0.573	0.645	0.588	0.623	0.719	0.693	0.640	8.98
39) T	Methylcyclohexane	0.492	0.524	0.442	0.420	0.525	0.506	0.485	9.04
40) TM	Benzene	1.019	1.152	1.004	1.138	1.159	1.123	1.099	6.28
41) T	Methacrylonitrile	0.199	0.191	0.146	0.175	0.180	0.171	0.177	10.33
42) TM	1,2-Dichloroet...	0.441	0.539	0.474	0.560	0.567	0.552	0.522	9.98
43) T	Isopropyl Acetate	0.485	0.557	0.498	0.556	0.569	0.547	0.535	6.52
44) TM	Trichloroethene	0.415	0.421	0.385	0.407	0.433	0.418	0.413	3.89
45) C	1,2-Dichloropr...	0.205	0.237	0.226	0.247	0.245	0.234	0.232	6.56#
46) T	Dibromomethane	0.190	0.226	0.207	0.246	0.246	0.243	0.226	10.38
47) T	Bromodichlorom...	0.412	0.480	0.421	0.506	0.518	0.510	0.474	9.86
48) T	Methyl methacr...	0.195	0.258	0.243	0.286	0.288	0.277	0.258	13.67
49) T	1,4-Dioxane	0.006	0.009	0.008	0.009	0.009	0.009	0.008	15.26
50) S	Toluene-d8		1.174	0.970	1.086	1.140	1.191	1.112	8.01
51) T	4-Methyl-2-Pen...	0.266	0.336	0.300	0.344	0.341	0.329	0.320	9.58
52) CM	Toluene	0.661	0.807	0.714	0.811	0.833	0.809	0.772	8.88#
53) T	t-1,3-Dichloro...	0.438	0.484	0.444	0.544	0.560	0.543	0.502	10.77
54) T	cis-1,3-Dichlo...	0.431	0.468	0.434	0.513	0.526	0.513	0.481	8.80
55) T	1,1,2-Trichlor...	0.253	0.338	0.289	0.338	0.339	0.327	0.314	11.32
56) T	Ethyl methacry...	0.348	0.464	0.414	0.475	0.486	0.470	0.443	11.94

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57)	T	1,3-Dichloropr...	0.405	0.506	0.452	0.516	0.517	0.491	0.481	9.21
58)	T	2-Chloroethyl ...	0.168	0.199	0.182	0.211	0.209	0.204	0.196	8.64
59)	T	2-Hexanone	0.197	0.255	0.241	0.275	0.272	0.266	0.251	11.61
60)	T	Dibromochlorom...	0.348	0.419	0.373	0.467	0.476	0.471	0.425	12.90
61)	T	1,2-Dibromoethane	0.323	0.369	0.321	0.386	0.380	0.376	0.359	8.19
62)	S	4-Bromofluorob...	0.460	0.398	0.454	0.477	0.510	0.460		8.86
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.441	0.531	0.451	0.468	0.509	0.486	0.481	7.19
65)	PM	Chlorobenzene	0.929	1.034	0.912	1.021	1.057	1.031	0.997	6.09
66)	T	1,1,1,2-Tetrac...	0.407	0.424	0.420	0.466	0.483	0.477	0.446	7.36
67)	C	Ethyl Benzene	1.511	1.799	1.555	1.722	1.851	1.812	1.708	8.37#
68)	T	m/p-Xylenes	0.585	0.698	0.620	0.685	0.726	0.714	0.671	8.40
69)	T	o-Xylene	0.571	0.682	0.608	0.688	0.719	0.701	0.661	8.83
70)	T	Styrene	0.955	1.131	1.011	1.162	1.220	1.186	1.111	9.44
71)	P	Bromoform	0.305	0.360	0.341	0.415	0.451	0.448	0.387	15.60
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.080	3.727	3.206	3.285	3.503	3.298	3.350	6.88
74)	T	N-amyl acetate	0.718	0.861	0.809	0.903	0.909	0.866	0.844	8.48
75)	P	1,1,2,2-Tetrac...	0.708	0.853	0.767	0.840	0.820	0.799	0.798	6.70
76)	T	1,2,3-Trichlor...	0.816	0.929	0.816	0.881	0.861	0.804	0.851	5.70
77)	T	Bromobenzene	0.904	1.002	0.856	0.959	0.975	0.931	0.938	5.59
78)	T	n-propylbenzene	3.241	3.697	3.305	3.493	3.749	3.541	3.504	5.81
79)	T	2-Chlorotoluene	2.221	2.441	2.092	2.262	2.394	2.249	2.277	5.52
80)	T	1,3,5-Trimethy...	2.722	3.213	2.815	3.047	3.177	3.037	3.002	6.52
81)	T	trans-1,4-Dich...	0.278	0.267	0.309	0.308	0.294	0.291		6.40
82)	T	4-Chlorotoluene	2.780	2.824	2.444	2.718	2.849	2.692	2.718	5.41
83)	T	tert-Butylbenzene	2.808	3.110	2.739	2.934	3.137	3.006	2.956	5.42
84)	T	1,2,4-Trimethy...	2.683	3.052	2.717	3.021	3.144	3.040	2.943	6.56
85)	T	sec-Butylbenzene	2.980	3.555	3.184	3.319	3.669	3.515	3.370	7.66
86)	T	p-Isopropyltol...	2.800	3.292	2.951	3.131	3.400	3.246	3.137	7.18
87)	T	1,3-Dichlorobe...	1.503	1.744	1.551	1.706	1.784	1.711	1.666	6.75
88)	T	1,4-Dichlorobe...	1.874	1.757	1.581	1.701	1.782	1.697	1.732	5.67
89)	T	n-Butylbenzene	2.198	2.319	2.147	2.244	2.623	2.493	2.337	7.91
90)	T	Hexachloroethane	0.447	0.468	0.468	0.536	0.573	0.566	0.510	10.86
91)	T	1,2-Dichlorobe...	1.570	1.764	1.538	1.677	1.723	1.661	1.656	5.26
92)	T	1,2-Dibromo-3-...	0.196	0.288	0.254	0.303	0.311	0.296	0.275	15.84
93)	T	1,2,4-Trichlor...	0.962	1.154	1.048	1.195	1.289	1.264	1.152	10.99
94)	T	Hexachlorobuta...	0.624	0.633	0.570	0.589	0.683	0.666	0.627	6.91
95)	T	Naphthalene	2.771	3.486	3.282	3.813	3.880	3.733	3.494	11.98
96)	T	1,2,3-Trichlor...	0.866	1.142	1.075	1.245	1.324	1.284	1.156	14.63

(#) = Out of Range