

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X072221W.M
 Title : SW846 8260
 Last Update : Fri Jul 23 06:05:38 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX023367.D 5 =VX023368.D 20 =VX023369.D 50 =VX023370.D 100 =VX023371.D 150 =VX023372.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.383	0.470	0.450	0.493	0.472	0.492	0.460	8.90
3) P	Chloromethane	0.548	0.559	0.489	0.557	0.530	0.532	0.536	4.85
4) C	Vinyl Chloride	0.468	0.573	0.510	0.571	0.552	0.580	0.542	8.21#
5) T	Bromomethane		0.367	0.341	0.312	0.295	0.295	0.322	9.72
6) T	Chloroethane	0.327	0.352	0.323	0.355	0.337	0.303	0.333	5.87
7) T	Trichlorofluor...	0.737	0.950	0.828	0.917	0.894	0.918	0.874	8.98
8) T	Diethyl Ether	0.301	0.329	0.305	0.338	0.325	0.337	0.323	4.92
9) T	1,1,2-Trichlor...	0.443	0.525	0.466	0.520	0.495	0.522	0.495	6.90
10) T	Methyl Iodide		0.525	0.529	0.685	0.682	0.681	0.620	13.77
11) T	Tert butyl alc...		0.147	0.136	0.148	0.138	0.144	0.142	3.95
12) CM	1,1-Dichloroet...	0.454	0.516	0.453	0.510	0.497	0.517	0.491	6.10#
13) T	Acrolein		0.098	0.066	0.073	0.071	0.074	0.076	16.16
14) T	Allyl chloride	0.817	0.922	0.804	0.932	0.921	0.964	0.893	7.40
15) T	Acrylonitrile	0.281	0.343	0.303	0.346	0.326	0.331	0.322	7.78
16) T	Acetone	0.359	0.326	0.280	0.302	0.283	0.285	0.306	10.17
17) T	Carbon Disulfide	1.091	1.195	1.068	1.267	1.291	1.356	1.211	9.46
18) T	Methyl Acetate	0.670	0.762	0.674	0.759	0.738	0.760	0.727	5.97
19) T	Methyl tert-bu...	1.436	1.780	1.601	1.818	1.763	1.851	1.708	9.31
20) T	Methylene Chlo...	0.691	0.651	0.523	0.577	0.557	0.571	0.595	10.60
21) T	trans-1,2-Dich...	0.477	0.543	0.485	0.545	0.530	0.551	0.522	6.21
22) T	Diisopropyl ether	1.433	1.861	1.663	1.882	1.825	1.915	1.763	10.45
23) T	Vinyl Acetate	1.233	1.604	1.473	1.693	1.636	1.700	1.556	11.48
24) P	1,1-Dichloroet...	0.812	1.022	0.908	1.027	0.995	1.051	0.969	9.44
25) T	2-Butanone	0.436	0.495	0.451	0.505	0.479	0.484	0.475	5.54
26) T	2,2-Dichloropr...	0.679	0.818	0.730	0.844	0.823	0.862	0.793	9.06
27) T	cis-1,2-Dichlo...	0.523	0.635	0.565	0.639	0.627	0.647	0.606	8.30
28) T	Bromochloromet...	0.443	0.502	0.396	0.461	0.440	0.472	0.452	7.86
29) T	Tetrahydrofuran	0.268	0.324	0.292	0.333	0.323	0.328	0.311	8.33
30) C	Chloroform	0.893	1.031	0.919	1.039	1.014	1.056	0.992	6.91#
31) T	Cyclohexane		0.964	0.839	0.939	0.916	0.961	0.924	5.52
32) T	1,1,1-Trichlor...	0.669	0.865	0.783	0.920	0.902	0.947	0.848	12.32
33) S	1,2-Dichloroet...		0.703	0.521	0.611	0.610	0.673	0.624	11.21
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.343	0.260	0.308	0.311	0.342	0.313	10.88
36) T	1,1-Dichloropr...	0.398	0.470	0.417	0.473	0.466	0.489	0.452	7.96
37) T	Ethyl Acetate	0.536	0.587	0.531	0.586	0.585	0.597	0.570	5.05
38) T	Carbon Tetrach...	0.384	0.459	0.420	0.487	0.491	0.519	0.460	10.92
39) T	Methylcyclohexane	0.503	0.582	0.527	0.600	0.594	0.621	0.571	8.01
40) TM	Benzene	1.158	1.428	1.260	1.407	1.375	1.419	1.341	8.12
41) T	Methacrylonitrile	0.281	0.309	0.273	0.312	0.312	0.319	0.301	6.43
42) TM	1,2-Dichloroet...	0.456	0.520	0.454	0.518	0.503	0.524	0.496	6.54
43) T	Isopropyl Acetate	0.727	0.935	0.831	0.940	0.921	0.948	0.884	9.95
44) TM	Trichloroethene	0.326	0.371	0.346	0.387	0.387	0.393	0.368	7.29
45) C	1,2-Dichloropr...	0.306	0.374	0.331	0.375	0.365	0.379	0.355	8.35#
46) T	Dibromomethane	0.203	0.249	0.225	0.256	0.252	0.260	0.241	9.24
47) T	Bromodichlorom...	0.350	0.425	0.391	0.471	0.473	0.492	0.434	12.68
48) T	Methyl methacr...	0.347	0.416	0.377	0.442	0.429	0.444	0.409	9.51
49) T	1,4-Dioxane	0.008	0.009	0.009	0.009	0.009	0.009	0.009	5.96
50) S	Toluene-d8		1.259	0.967	1.137	1.141	1.239	1.149	10.06
51) T	4-Methyl-2-Pen...	0.454	0.577	0.531	0.591	0.537	0.553	0.541	8.95
52) CM	Toluene	0.690	0.872	0.788	0.884	0.865	0.887	0.831	9.41#
53) T	t-1,3-Dichloro...	0.366	0.463	0.458	0.552	0.550	0.569	0.493	15.94
54) T	cis-1,3-Dichlo...	0.417	0.521	0.510	0.595	0.589	0.612	0.541	13.59
55) T	1,1,2-Trichlor...	0.269	0.348	0.326	0.370	0.348	0.358	0.336	10.76
56) T	Ethyl methacry...	0.449	0.522	0.505	0.597	0.569	0.595	0.539	10.81

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57)	T	1,3-Dichloropr...	0.498	0.606	0.539	0.613	0.582	0.593	0.572	7.81
58)	T	2-Chloroethyl ...	0.296	0.282	0.266	0.299	0.285	0.286	0.286	4.07
59)	T	2-Hexanone	0.331	0.427	0.412	0.449	0.412	0.432	0.410	10.05
60)	T	Dibromochlorom...	0.229	0.312	0.306	0.375	0.372	0.387	0.330	18.26
61)	T	1,2-Dibromoethane	0.297	0.354	0.345	0.392	0.379	0.387	0.359	9.92
62)	S	4-Bromofluorob...		0.385	0.324	0.387	0.398	0.459	0.391	12.31
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.358	0.430	0.376	0.414	0.406	0.404	0.398	6.65
65)	PM	Chlorobenzene	0.925	1.072	0.962	1.072	1.048	1.061	1.023	6.23
66)	T	1,1,1,2-Tetrac...	0.257	0.365	0.351	0.400	0.393	0.400	0.361	15.23
67)	C	Ethyl Benzene	1.506	1.808	1.670	1.896	1.880	1.891	1.775	8.85#
68)	T	m/p-Xylenes	0.552	0.718	0.639	0.729	0.720	0.738	0.683	10.71
69)	T	o-Xylene	0.582	0.696	0.637	0.710	0.706	0.731	0.677	8.32
70)	T	Styrene	0.816	1.052	1.010	1.163	1.171	1.223	1.072	13.87
71)	P	Bromoform	0.196	0.235	0.236	0.296	0.301	0.334	0.266	19.54
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.255	4.118	3.585	4.058	3.857	3.765	3.773	8.47
74)	T	N-amyl acetate	1.474	1.717	1.642	1.870	1.798	1.826	1.721	8.49
75)	P	1,1,2,2-Tetrac...	1.130	1.329	1.185	1.276	1.219	1.234	1.229	5.64
76)	T	1,2,3-Trichlor...	0.964	1.167	1.098	1.177	1.108	1.089	1.100	6.93
77)	T	Bromobenzene	0.823	0.950	0.864	0.974	0.932	0.916	0.910	6.21
78)	T	n-propylbenzene	3.687	4.443	4.057	4.665	4.435	4.332	4.270	8.13
79)	T	2-Chlorotoluene	2.343	2.646	2.411	2.717	2.599	2.593	2.552	5.64
80)	T	1,3,5-Trimethy...	2.564	3.278	2.936	3.314	3.188	3.155	3.073	9.18
81)	T	trans-1,4-Dich...		0.343	0.351	0.450	0.446	0.457	0.409	13.99
82)	T	4-Chlorotoluene	2.485	3.013	2.704	3.089	3.015	3.014	2.887	8.26
83)	T	tert-Butylbenzene	2.605	3.243	2.830	3.241	3.091	3.074	3.014	8.32
84)	T	1,2,4-Trimethy...	2.501	3.320	2.903	3.286	3.185	3.142	3.056	10.11
85)	T	sec-Butylbenzene	3.538	4.104	3.659	4.154	4.014	3.978	3.908	6.42
86)	T	p-Isopropyltol...	2.608	3.214	3.006	3.437	3.335	3.334	3.156	9.70
87)	T	1,3-Dichlorobe...	1.574	1.742	1.545	1.763	1.743	1.735	1.684	5.76
88)	T	1,4-Dichlorobe...	1.688	1.756	1.577	1.737	1.743	1.749	1.709	4.02
89)	T	n-Butylbenzene	2.636	2.782	2.602	3.040	3.030	3.051	2.857	7.35
90)	T	Hexachloroethane	0.389	0.483	0.462	0.562	0.571	0.584	0.509	15.09
91)	T	1,2-Dichlorobe...	1.528	1.687	1.564	1.682	1.656	1.665	1.630	4.13
92)	T	1,2-Dibromo-3-...	0.195	0.254	0.247	0.295	0.298	0.311	0.266	16.32
93)	T	1,2,4-Trichlor...	0.914	0.992	0.931	1.092	1.096	1.120	1.024	8.81
94)	T	Hexachlorobuta...	0.464	0.474	0.415	0.466	0.468	0.471	0.460	4.83
95)	T	Naphthalene	2.637	3.432	3.337	3.926	3.891	3.907	3.522	14.33
96)	T	1,2,3-Trichlor...	0.901	1.003	0.955	1.107	1.112	1.128	1.034	9.17

(#) = Out of Range