

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X031722W.M
 Title : SW846 8260
 Last Update : Thu Mar 17 15:02:59 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX027482.D 5 =VX027483.D 20 =VX027484.D 50 =VX027485.D 100 =VX027486.D 150 =VX027487.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.429	0.453	0.496	0.532	0.489	0.481	0.480	7.43
3) P	Chloromethane	0.432	0.427	0.427	0.458	0.409	0.403	0.426	4.52
4) C	Vinyl Chloride	0.480	0.484	0.498	0.529	0.487	0.475	0.492	4.02#
5) T	Bromomethane		0.284	0.348	0.258	0.234	0.234	0.272	17.53
6) T	Chloroethane	0.324	0.316	0.314	0.325	0.301	0.232	0.302	11.80
7) T	Trichlorofluor...	0.794	0.834	0.816	0.859	0.796	0.777	0.813	3.67
8) T	Diethyl Ether	0.283	0.324	0.304	0.322	0.296	0.286	0.303	5.85
9) T	1,1,2-Trichlor...	0.487	0.488	0.478	0.510	0.472	0.468	0.484	3.14
10) T	Methyl Iodide		0.582	0.596	0.702	0.675	0.648	0.641	7.98
11) T	Tert butyl alc...		0.114	0.118	0.131	0.110	0.114	0.117	6.67
12) CM	1,1-Dichloroet...	0.477	0.461	0.455	0.482	0.456	0.454	0.464	2.58#
13) T	Acrolein		0.099	0.087	0.096	0.084	0.089	0.091	6.98
14) T	Allyl chloride	0.742	0.722	0.698	0.770	0.717	0.711	0.727	3.52
15) T	Acrylonitrile	0.273	0.265	0.267	0.287	0.256	0.253	0.267	4.64
16) T	Acetone	0.307	0.257	0.246	0.255	0.223	0.218	0.251	12.62
17) T	Carbon Disulfide	1.301	1.115	1.112	1.236	1.166	1.160	1.181	6.24
18) T	Methyl Acetate	0.667	0.594	0.586	0.626	0.571	0.566	0.602	6.39
19) T	Methyl tert-bu...	1.545	1.568	1.542	1.655	1.555	1.534	1.566	2.87
20) T	Methylene Chlo...	0.680	0.541	0.500	0.535	0.494	0.489	0.540	13.32
21) T	trans-1,2-Dich...	0.527	0.482	0.478	0.515	0.485	0.484	0.495	4.14
22) T	Diisopropyl ether	1.396	1.432	1.404	1.510	1.398	1.373	1.419	3.40
23) T	Vinyl Acetate	1.158	1.216	1.241	1.339	1.241	1.208	1.234	4.84
24) P	1,1-Dichloroet...	0.838	0.879	0.846	0.912	0.854	0.847	0.863	3.24
25) T	2-Butanone	0.394	0.378	0.380	0.404	0.358	0.353	0.378	5.23
26) T	2,2-Dichloropr...	0.652	0.682	0.685	0.756	0.728	0.724	0.705	5.35
27) T	cis-1,2-Dichlo...	0.554	0.573	0.569	0.607	0.575	0.568	0.574	3.04
28) T	Bromochloromet...	0.344	0.349	0.353	0.375	0.336	0.330	0.348	4.52
29) T	Tetrahydrofuran	0.246	0.236	0.244	0.262	0.236	0.231	0.242	4.58
30) C	Chloroform	0.950	0.978	0.935	0.999	0.932	0.918	0.952	3.25#
31) T	Cyclohexane		0.770	0.743	0.812	0.754	0.746	0.765	3.71
32) T	1,1,1-Trichlor...	0.862	0.856	0.844	0.913	0.867	0.859	0.867	2.77
33) S	1,2-Dichloroet...		0.627	0.608	0.648	0.593	0.604	0.616	3.58
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.317	0.308	0.347	0.307	0.330	0.322	5.24
36) T	1,1-Dichloropr...	0.476	0.442	0.403	0.461	0.419	0.436	0.440	6.09
37) T	Ethyl Acetate	0.396	0.438	0.434	0.488	0.427	0.445	0.438	6.84
38) T	Carbon Tetrach...	0.533	0.494	0.468	0.533	0.488	0.502	0.503	5.15
39) T	Methylcyclohexane	0.550	0.566	0.535	0.576	0.547	0.543	0.553	2.76
40) TM	Benzene	1.280	1.258	1.255	1.334	1.211	1.229	1.261	3.39
41) T	Methacrylonitrile	0.219	0.238	0.235	0.266	0.230	0.245	0.239	6.69
42) TM	1,2-Dichloroet...	0.476	0.488	0.445	0.514	0.449	0.464	0.473	5.45
43) T	Isopropyl Acetate	0.709	0.697	0.675	0.759	0.681	0.710	0.705	4.25
44) TM	Trichloroethene	0.374	0.412	0.379	0.393	0.372	0.367	0.383	4.43
45) C	1,2-Dichloropr...	0.302	0.336	0.318	0.337	0.323	0.312	0.321	4.25#
46) T	Dibromomethane	0.240	0.261	0.235	0.258	0.238	0.240	0.245	4.53
47) T	Bromodichlorom...	0.453	0.465	0.440	0.498	0.453	0.463	0.462	4.27
48) T	Methyl methacr...	0.332	0.338	0.340	0.392	0.338	0.353	0.349	6.34
49) T	1,4-Dioxane	0.008	0.010	0.009	0.010	0.008	0.008	0.009	8.83
50) S	Toluene-d8		1.175	1.241	1.355	1.127	1.189	1.217	7.14
51) T	4-Methyl-2-Pen...	0.437	0.456	0.445	0.515	0.416	0.432	0.450	7.71
52) CM	Toluene	0.832	0.834	0.854	0.947	0.792	0.812	0.845	6.40#
53) T	t-1,3-Dichloro...	0.408	0.436	0.454	0.545	0.491	0.512	0.474	10.78
54) T	cis-1,3-Dichlo...	0.486	0.479	0.508	0.568	0.519	0.538	0.516	6.47
55) T	1,1,2-Trichlor...	0.317	0.339	0.353	0.397	0.324	0.333	0.344	8.38
56) T	Ethyl methacry...	0.446	0.493	0.512	0.607	0.503	0.529	0.515	10.29

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57)	T	1,3-Dichloropr...	0.555	0.549	0.560	0.628	0.522	0.538	0.559	6.54
58)	T	2-Chloroethyl ...	0.150	0.243	0.266	0.279	0.249	0.263	0.242	19.26
59)	T	2-Hexanone	0.337	0.347	0.345	0.397	0.316	0.337	0.347	7.78
60)	T	Dibromochlorom...	0.344	0.358	0.369	0.435	0.374	0.392	0.379	8.42
61)	T	1,2-Dibromoethane	0.354	0.370	0.374	0.427	0.358	0.386	0.378	6.96
62)	S	4-Bromofluorob...	0.448	0.405	0.490	0.415	0.478	0.447		8.35
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.424	0.406	0.392	0.397	0.376	0.337	0.389	7.66
65)	PM	Chlorobenzene	1.060	1.048	0.994	1.073	1.011	0.985	1.029	3.56
66)	T	1,1,1,2-Tetrac...	0.383	0.378	0.364	0.405	0.393	0.380	0.384	3.62
67)	C	Ethyl Benzene	1.765	1.819	1.706	1.835	1.764	1.674	1.761	3.55#
68)	T	m/p-Xylenes	0.677	0.715	0.673	0.713	0.703	0.678	0.693	2.80
69)	T	o-Xylene	0.664	0.701	0.611	0.701	0.688	0.673	0.673	5.01
70)	T	Styrene	1.026	1.126	0.999	1.170	1.140	1.135	1.099	6.32
71)	P	Bromoform	0.281	0.300	0.269	0.325	0.327	0.337	0.307	8.96
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.749	3.703	3.611	3.837	3.521	3.431	3.642	4.13
74)	T	N-amyl acetate	1.274	1.229	1.269	1.397	1.315	1.264	1.291	4.53
75)	P	1,1,2,2-Tetrac...	1.234	1.195	1.141	1.189	1.075	1.089	1.154	5.47
76)	T	1,2,3-Trichlor...	1.075	1.057	1.048	1.126	0.994	0.975	1.046	5.25
77)	T	Bromobenzene	0.893	0.940	0.894	0.969	0.901	0.911	0.918	3.32
78)	T	n-propylbenzene	3.831	4.076	3.976	4.283	3.981	3.841	3.998	4.19
79)	T	2-Chlorotoluene	2.600	2.631	2.418	2.633	2.402	2.363	2.508	5.03
80)	T	1,3,5-Trimethy...	3.009	3.140	3.070	3.266	3.024	2.881	3.065	4.25
81)	T	trans-1,4-Dich...	0.288	0.310	0.376	0.362	0.386	0.344		12.51
82)	T	4-Chlorotoluene	2.943	2.938	2.798	3.000	2.782	2.671	2.855	4.37
83)	T	tert-Butylbenzene	3.006	3.083	3.011	3.236	3.015	2.869	3.036	3.95
84)	T	1,2,4-Trimethy...	2.919	3.223	3.074	3.259	3.000	2.866	3.057	5.22
85)	T	sec-Butylbenzene	3.463	3.798	3.655	3.950	3.655	3.495	3.669	5.00
86)	T	p-Isopropyltol...	2.993	3.227	3.097	3.402	3.162	3.030	3.152	4.74
87)	T	1,3-Dichlorobe...	1.807	1.718	1.628	1.775	1.659	1.618	1.701	4.65
88)	T	1,4-Dichlorobe...	1.838	1.783	1.651	1.774	1.654	1.627	1.721	5.10
89)	T	n-Butylbenzene	2.494	2.607	2.528	2.845	2.684	2.624	2.630	4.76
90)	T	Hexachloroethane	0.463	0.478	0.471	0.546	0.529	0.527	0.503	7.07
91)	T	1,2-Dichlorobe...	1.739	1.716	1.614	1.725	1.605	1.565	1.661	4.47
92)	T	1,2-Dibromo-3-...	0.254	0.255	0.265	0.276	0.269	0.268	0.265	3.25
93)	T	1,2,4-Trichlor...	1.167	0.988	1.007	1.096	1.068	1.061	1.064	6.06
94)	T	Hexachlorobuta...	0.510	0.478	0.438	0.487	0.457	0.452	0.470	5.63
95)	T	Naphthalene	3.380	3.258	3.492	3.724	3.524	3.413	3.465	4.55
96)	T	1,2,3-Trichlor...	1.183	1.042	1.028	1.096	1.062	1.050	1.077	5.28

(#) = Out of Range