

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X032923W.M
 Title : SW846 8260
 Last Update : Wed Mar 29 13:49:46 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX034817.D 5 =VX034818.D 20 =VX034819.D 50 =VX034820.D 100 =VX034821.D 150 =VX034822.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.595	0.531	0.487	0.455	0.458	0.466	0.499	11.00
3) P	Chloromethane	0.685	0.711	0.635	0.582	0.568	0.566	0.624	10.05
4) C	Vinyl Chloride	0.677	0.683	0.628	0.571	0.573	0.577	0.618	8.50#
5) T	Bromomethane		0.477	0.413	0.374	0.370	0.375	0.402	11.28
6) T	Chloroethane	0.446	0.458	0.395	0.368	0.375	0.371	0.402	9.93
7) T	Trichlorofluor...	1.102	1.116	1.016	0.920	0.908	0.902	0.994	9.90
8) T	Diethyl Ether	0.356	0.396	0.364	0.325	0.327	0.335	0.350	7.79
9) T	1,1,2-Trichlor...	0.560	0.574	0.520	0.486	0.484	0.493	0.519	7.58
10) T	Methyl Iodide		0.594	0.641	0.634	0.677	0.688	0.647	5.75
11) T	Tert butyl alc...		0.109	0.135	0.102	0.126	0.136	0.122	12.70
12) CM	1,1-Dichloroet...	0.568	0.558	0.503	0.476	0.482	0.491	0.513	7.75#
13) T	Acrolein		0.158	0.136	0.131	0.132	0.135	0.138	8.01
14) T	Allyl chloride	1.085	1.017	0.996	0.944	0.985	1.007	1.006	4.62
15) T	Acrylonitrile	0.316	0.328	0.304	0.290	0.284	0.291	0.302	5.70
16) T	Acetone	0.358	0.318	0.326	0.293	0.282	0.287	0.311	9.39
17) T	Carbon Disulfide	1.264	1.301	1.256	1.240	1.310	1.342	1.286	3.02
18) T	Methyl Acetate	1.182	1.192	1.103	1.036	1.041	1.069	1.104	6.22
19) T	Methyl tert-bu...	1.963	2.033	1.898	1.787	1.846	1.874	1.900	4.59
20) T	Methylene Chlo...	0.713	0.685	0.589	0.552	0.567	0.572	0.613	11.07
21) T	trans-1,2-Dich...	0.575	0.619	0.559	0.528	0.538	0.540	0.560	5.98
22) T	Diisopropyl ether	2.133	2.181	2.051	1.912	1.931	1.966	2.029	5.47
23) T	Vinyl Acetate	1.345	1.492	1.502	1.443	1.446	1.455	1.447	3.86
24) P	1,1-Dichloroet...	1.147	1.182	1.083	1.028	1.050	1.060	1.092	5.49
25) T	2-Butanone	0.447	0.483	0.475	0.441	0.428	0.438	0.452	4.84
26) T	2,2-Dichloropr...	0.915	0.869	0.877	0.869	0.922	0.935	0.898	3.27
27) T	cis-1,2-Dichlo...	0.717	0.727	0.646	0.617	0.636	0.637	0.663	6.99
28) T	Bromochloromet...	0.526	0.537	0.606	0.508	0.520	0.506	0.534	6.95
29) T	Tetrahydrofuran	0.286	0.308	0.287	0.274	0.267	0.277	0.283	5.07
30) C	Chloroform	1.165	1.154	1.105	1.054	1.073	1.102	1.109	3.94#
31) T	Cyclohexane		1.030	0.955	0.903	0.888	0.879	0.931	6.71
32) T	1,1,1-Trichlor...	0.949	0.939	0.935	0.919	0.953	0.982	0.946	2.22
33) S	1,2-Dichloroet...		0.777	0.773	0.760	0.756	0.757	0.765	1.26
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.338	0.337	0.325	0.327	0.327	0.331	1.93
36) T	1,1-Dichloropr...	0.537	0.515	0.484	0.462	0.471	0.470	0.490	6.02
37) T	Ethyl Acetate	0.531	0.513	0.513	0.506	0.500	0.512	0.512	2.03
38) T	Carbon Tetrach...	0.450	0.439	0.458	0.452	0.480	0.493	0.462	4.46
39) T	Methylcyclohexane	0.595	0.549	0.510	0.494	0.487	0.487	0.520	8.37
40) TM	Benzene	1.542	1.533	1.388	1.323	1.328	1.325	1.406	7.43
41) T	Methacrylonitrile	0.283	0.288	0.288	0.275	0.278	0.286	0.283	1.89
42) TM	1,2-Dichloroet...	0.577	0.592	0.547	0.533	0.550	0.556	0.559	3.80
43) T	Isopropyl Acetate	0.826	0.864	0.866	0.836	0.864	0.888	0.857	2.65
44) TM	Trichloroethene	0.385	0.382	0.353	0.340	0.346	0.348	0.359	5.37
45) C	1,2-Dichloropr...	0.416	0.372	0.360	0.350	0.350	0.352	0.367	7.02#
46) T	Dibromomethane	0.272	0.260	0.244	0.241	0.245	0.251	0.252	4.60
47) T	Bromodichlorom...	0.442	0.441	0.458	0.465	0.488	0.502	0.466	5.29
48) T	Methyl methacr...	0.417	0.413	0.423	0.414	0.424	0.435	0.421	1.94
49) T	1,4-Dioxane	0.009	0.009	0.009	0.008	0.008	0.008	0.009	6.10
50) S	Toluene-d8		1.246	1.284	1.212	1.194	1.168	1.221	3.71
51) T	4-Methyl-2-Pen...	0.509	0.546	0.528	0.498	0.481	0.482	0.507	5.06
52) CM	Toluene	1.138	0.961	0.885	0.840	0.839	0.840	0.917	12.91#
53) T	t-1,3-Dichloro...	0.392	0.436	0.505	0.525	0.565	0.584	0.501	14.86
54) T	cis-1,3-Dichlo...	0.474	0.513	0.553	0.565	0.586	0.599	0.548	8.59
55) T	1,1,2-Trichlor...	0.351	0.373	0.350	0.336	0.335	0.339	0.347	4.09
56) T	Ethyl methacry...	0.489	0.533	0.556	0.554	0.559	0.572	0.544	5.43

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57)	T	1,3-Dichloropr...	0.649	0.648	0.623	0.586	0.592	0.589	0.615	4.81
58)	T	2-Chloroethyl ...	0.262	0.281	0.287	0.278	0.276	0.278	0.277	3.06
59)	T	2-Hexanone	0.367	0.406	0.409	0.385	0.369	0.366	0.384	5.14
60)	T	Dibromochlorom...	0.270	0.298	0.329	0.339	0.366	0.381	0.331	12.57
61)	T	1,2-Dibromoethane	0.343	0.376	0.366	0.354	0.361	0.365	0.361	3.12
62)	S	4-Bromofluorob...	0.442	0.481	0.481	0.483	0.476	0.472		3.68
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.439	0.395	0.347	0.332	0.314	0.320	0.358	13.74
65)	PM	Chlorobenzene	1.150	1.109	1.032	0.989	0.972	0.989	1.040	7.05
66)	T	1,1,1,2-Tetrac...	0.326	0.347	0.359	0.366	0.367	0.381	0.358	5.30
67)	C	Ethyl Benzene	2.031	2.006	1.903	1.822	1.769	1.775	1.885	6.09#
68)	T	m/p-Xylenes	0.800	0.766	0.717	0.689	0.671	0.677	0.720	7.29
69)	T	o-Xylene	0.746	0.733	0.722	0.677	0.673	0.681	0.705	4.53
70)	T	Styrene	1.053	1.123	1.160	1.126	1.137	1.156	1.126	3.45
71)	P	Bromoform	0.187	0.193	0.238	0.258	0.283	0.301	0.243	19.12
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.931	3.963	3.746	3.488	3.375	3.471	3.663	6.90
74)	T	N-amyl acetate	1.327	1.670	1.753	1.686	1.695	1.749	1.647	9.72
75)	P	1,1,2,2-Tetrac...	1.249	1.326	1.226	1.142	1.115	1.144	1.200	6.76
76)	T	1,2,3-Trichlor...	1.307	1.345	1.325	1.291	1.306	1.360	1.323	1.98
77)	T	Bromobenzene	1.051	0.956	0.887	0.839	0.839	0.872	0.908	9.10
78)	T	n-propylbenzene	4.575	4.530	4.324	4.035	3.930	3.991	4.231	6.71
79)	T	2-Chlorotoluene	2.841	2.933	2.683	2.535	2.494	2.543	2.671	6.78
80)	T	1,3,5-Trimethy...	3.144	3.350	3.120	2.934	2.881	2.943	3.062	5.77
81)	T	trans-1,4-Dich...	0.248	0.313	0.341	0.376	0.403	0.336		17.83
82)	T	4-Chlorotoluene	3.328	3.338	3.092	2.954	2.937	2.964	3.102	6.04
83)	T	tert-Butylbenzene	2.954	3.034	2.893	2.765	2.763	2.845	2.876	3.72
84)	T	1,2,4-Trimethy...	3.342	3.349	3.133	2.983	2.919	2.958	3.114	6.21
85)	T	sec-Butylbenzene	3.680	3.769	3.558	3.355	3.293	3.335	3.498	5.70
86)	T	p-Isopropyltol...	2.903	3.085	2.978	2.850	2.811	2.876	2.917	3.41
87)	T	1,3-Dichlorobe...	1.729	1.745	1.663	1.589	1.585	1.606	1.653	4.29
88)	T	1,4-Dichlorobe...	1.952	1.846	1.698	1.625	1.600	1.635	1.726	8.22
89)	T	n-Butylbenzene	2.606	2.544	2.563	2.497	2.509	2.572	2.549	1.60
90)	T	Hexachloroethane	0.368	0.377	0.452	0.472	0.511	0.533	0.452	15.03
91)	T	1,2-Dichlorobe...	1.847	1.789	1.663	1.559	1.522	1.551	1.655	8.23
92)	T	1,2-Dibromo-3-...	0.207	0.212	0.257	0.267	0.271	0.290	0.251	13.40
93)	T	1,2,4-Trichlor...	0.958	0.949	0.938	0.921	0.907	0.944	0.936	2.03
94)	T	Hexachlorobuta...	0.544	0.447	0.381	0.363	0.360	0.376	0.412	17.51
95)	T	Naphthalene	3.324	3.342	3.446	3.285	3.220	3.342	3.326	2.24
96)	T	1,2,3-Trichlor...	1.024	0.957	0.928	0.914	0.896	0.945	0.944	4.73

(#) = Out of Range