

Method Path : Z:\VOASRV\HPCHEM1\MSVOA F\METHODS\

Method File : 82F051419S.M

Title : SW846 8260

Last Update : Wed May 15 05:06:28 2019

Response Via : Initial Calibration

Calibration Files

5 =VF062583.D	20 =VF062585.D	50 =VF062586.D
100 =VF062588.D	75 =VF062587.D	10 =VF062584.D

	Compound	5	20	50	100	75	10	Avg	%RSD
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1) I	Pentafluorobenzene			-----ISTD-----					
2) T	Dichlorodifluorom	0.721	0.603	0.428	0.408	0.462	0.663	0.547	24.14
3) P	Chloromethane	0.678	0.656	0.490	0.457	0.501	0.640	0.570	17.13
4) C	Vinyl Chloride	0.657	0.656	0.502	0.445	0.496	0.649	0.568	17.08#
5) T	Bromomethane	0.372	0.271	0.255	0.208	0.256	0.313	0.279	20.25
6) T	Chloroethane	0.258	0.192	0.195	0.169	0.215	0.264	0.216	17.67
7) T	Trichlorofluorome	0.861	0.832	0.701	0.636	0.725	0.911	0.778	13.67
8) T	Diethyl Ether	0.215	0.174	0.155	0.140	0.152	0.208	0.174	17.87
9) T	1,1,2-Trichlorotr	0.596	0.577	0.489	0.420	0.481	0.620	0.530	14.83
10) T	Methyl Iodide	1.163	0.987	0.841	0.769	0.817	1.091	0.945	16.97
11) T	Tert butyl alcoho	0.021	0.023	0.022	0.020	0.021	0.030	0.023	15.33
12) CM	1,1-Dichloroethen	0.461	0.502	0.420	0.367	0.415	0.560	0.454	15.17#
13) T	Acrolein	0.020	0.020	0.010	0.010	0.010	0.020	0.015	36.43
14) T	Allvyl chloride	0.390	0.531	0.445	0.445	0.460	0.518	0.465	11.21
15) T	Acrylonitrile	0.066	0.072	0.063	0.088	0.093	0.106	0.081	20.94
16) T	Acetone	0.081	0.076	0.077	0.067	0.074	0.085	0.077	8.08
17) T	Carbon Disulfide	1.546	1.249	0.967	0.848	0.947	1.318	1.146	23.42
18) T	Methyl Acetate	0.238	0.182	0.158	0.147	0.161	0.280	0.194	27.32
19) T	Methyl tert-butyl	0.785	0.768	0.802	0.721	0.815	0.963	0.809	10.16
20) T	Methylene Chlorid	0.707	0.525	0.449	0.383	0.453	0.619	0.523	23.15
21) T	trans-1,2-Dichlor	0.523	0.515	0.394	0.363	0.400	0.553	0.458	17.79
22) T	Diisopropyl ether	1.104	1.064	1.070	1.007	1.048	1.192	1.081	5.82
23) T	Vinyl Acetate	0.555	0.614	0.590	0.528	0.572	0.688	0.591	9.45
24) P	1,1-Dichloroethan	0.874	0.882	0.759	0.722	0.751	0.949	0.823	11.07
25) T	2-Butanone	0.180	0.178	0.172	0.151	0.160	0.199	0.173	9.67
26) T	2,2-Dichloropropa	0.496	0.468	0.429	0.363	0.409	0.499	0.444	12.06
27) T	cis-1,2-Dichloroe	0.771	0.674	0.606	0.552	0.594	0.684	0.647	12.20
28) T	Bromochloromethan	0.520	0.471	0.458	0.403	0.425	0.498	0.463	9.50
29)	Tetrahydrofuran	0.085	0.073	0.071	0.063	0.068	0.079	0.073	10.43
30) C	Chloroform	1.061	1.025	0.959	0.833	0.892	1.154	0.987	11.82#
31) T	Cyclohexane	1.074	0.932	0.731	0.678	0.771	0.961	0.858	18.00
32) T	1,1,1-Trichloroet	0.744	0.707	0.643	0.559	0.614	0.725	0.666	10.81
33) S	1,2-Dichloroethan	0.431	0.366	0.371	0.347	0.358	0.394	0.378	8.07
34) I	1,4-Difluorobenzene			-----ISTD-----					
35) S	Dibromofluorometh	0.426	0.402	0.367	0.342	0.359	0.336	0.372	9.52
36) T	1,1-Dichloroprope	0.479	0.481	0.390	0.370	0.385	0.490	0.433	12.96
37) T	Ethyl Acetate	0.191	0.197	0.168	0.155	0.165	0.191	0.178	9.59
38) T	Carbon Tetrachlor	0.385	0.416	0.324	0.313	0.317	0.375	0.355	12.06
39) T	Methylcyclohexane	0.582	0.563	0.445	0.436	0.452	0.562	0.507	13.61
40) TM	Benzene	1.431	1.308	1.130	1.040	1.089	1.387	1.231	13.45
41) T	Methacrylonitrile	0.102	0.108	0.099	0.093	0.095	0.106	0.101	6.03
42) TM	1,2-Dichloroethan	0.287	0.276	0.239	0.230	0.246	0.290	0.261	9.91
43) T	Isopropyl Acetate	0.241	0.215	0.194	0.186	0.198	0.228	0.210	10.17
44) TM	Trichloroethene	0.371	0.360	0.302	0.282	0.298	0.381	0.332	13.01
45) C	1,2-Dichloropropa	0.346	0.329	0.285	0.272	0.288	0.339	0.310	10.27#
46) T	Dibromomethane	0.182	0.185	0.167	0.153	0.160	0.192	0.173	8.98
47) T	Bromodichlorometh	0.373	0.404	0.362	0.340	0.359	0.395	0.372	6.41
48) T	Methyl methacryla	0.119	0.120	0.109	0.108	0.112	0.124	0.115	5.73
49) T	1,4-Dioxane	0.002	0.001	0.001	0.001	0.001	0.002	0.002	18.68
50) S	Toluene-d8	1.002	0.895	0.886	0.784	0.838	0.857	0.877	8.30
51) T	4-Methyl-2-Pentan	0.168	0.164	0.147	0.136	0.140	0.170	0.154	9.61
52) CM	Toluene	0.690	0.690	0.578	0.524	0.559	0.666	0.618	11.82#

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53) T	t-1,3-Dichloropro	0.302	0.321	0.284	0.257	0.270	0.331	0.294	9.84
54) T	cis-1,3-Dichlorop	0.458	0.434	0.403	0.371	0.392	0.435	0.416	7.79
55) T	1,1,2-Trichloroet	0.201	0.194	0.180	0.166	0.174	0.195	0.185	7.57
56) T	Ethyl methacrylat	0.229	0.216	0.193	0.192	0.187	0.199	0.203	8.07
57) T	1,3-Dichloropropa	0.337	0.324	0.288	0.281	0.286	0.315	0.305	7.63
58) T	2-Chloroethyl Vin	0.063	0.070	0.062	0.061	0.059	0.066	0.063	5.86
59) T	2-Hexanone	0.113	0.106	0.096	0.084	0.093	0.119	0.102	12.69
60) T	Dibromochlorometh	0.225	0.247	0.230	0.223	0.236	0.250	0.235	4.83
61) T	1,2-Dibromoethane	0.189	0.197	0.176	0.172	0.182	0.197	0.186	5.75
62) S	4-Bromofluorobenz	0.362	0.315	0.309	0.281	0.294	0.277	0.306	10.15
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.392	0.358	0.298	0.276	0.294	0.365	0.330	14.22
65) PM	Chlorobenzene	0.936	0.920	0.819	0.751	0.808	0.982	0.869	10.27
66) T	1,1,1,2-Tetrachlo	0.354	0.381	0.349	0.326	0.351	0.382	0.357	5.94
67) C	Ethyl Benzene	1.730	1.679	1.503	1.281	1.405	1.668	1.544	11.53#
68) T	m/p-Xylenes	0.587	0.605	0.527	0.483	0.500	0.584	0.547	9.34
69) T	o-Xylene	0.563	0.632	0.564	0.526	0.555	0.605	0.574	6.62
70) T	Stvrene	0.902	0.975	0.854	0.762	0.822	0.921	0.873	8.72
71) P	Bromoform	0.164	0.171	0.173	0.163	0.167	0.171	0.168	2.34
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.720	3.650	3.098	2.883	3.132	3.688	3.362	10.88
74) T	N-amyl acetate	0.815	0.869	0.758	0.701	0.752	1.003	0.816	13.24
75) P	1,1,2,2-Tetrachlo	0.800	0.709	0.620	0.593	0.641	0.769	0.689	12.24
76) T	1,2,3-Trichloropr	0.513	0.471	0.393	0.354	0.395	0.523	0.442	15.98
77) T	Bromobenzene	0.806	0.816	0.699	0.665	0.744	0.828	0.760	8.89
78) T	n-propylbenzene	4.650	4.488	3.565	3.158	3.551	4.580	3.999	16.20
79) T	2-Chlorotoluene	2.490	2.316	2.004	1.880	2.062	2.489	2.207	11.83
80) T	1,3,5-Trimethylbe	2.786	2.930	2.409	2.189	2.444	3.032	2.632	12.65
81) T	trans-1,4-Dichlor	0.184	0.205	0.175	0.172	0.170	0.222	0.188	11.27
82) T	4-Chlorotoluene	2.317	2.388	1.940	1.825	1.968	2.510	2.158	13.05
83) T	tert-Butylbenzene	2.760	3.026	2.585	2.354	2.693	3.097	2.753	10.07
84) T	1,2,4-Trimethylbe	2.842	2.745	2.351	2.130	2.464	2.977	2.585	12.50
85) T	sec-Butylbenzene	3.980	4.123	3.407	3.076	3.527	4.311	3.737	12.71
86) T	p-Isopropyltoluen	3.179	3.452	2.859	2.583	2.896	3.490	3.076	11.68
87) T	1,3-Dichlorobenze	1.676	1.589	1.347	1.222	1.351	1.731	1.486	13.92
88) T	1,4-Dichlorobenze	1.539	1.498	1.273	1.161	1.282	1.611	1.394	12.84
89) T	n-Butylbenzene	3.359	3.569	2.915	2.450	2.808	3.687	3.131	15.43
90) T	Hexachloroethane	0.832	0.803	0.729	0.690	0.765	0.909	0.788	9.91
91) T	1,2-Dichlorobenze	1.503	1.353	1.220	1.147	1.244	1.442	1.318	10.46
92) T	1,2-Dibromo-3-Chl	0.084	0.087	0.083	0.075	0.076	0.102	0.085	11.63
93) T	1,2,4-Trichlorobe	0.904	0.970	0.856	0.825	0.901	1.044	0.917	8.67
94) T	Hexachlorobutadiie	0.646	0.694	0.616	0.606	0.655	0.779	0.666	9.55
95) T	Naphthalene	1.312	1.492	1.450	1.528	1.592	1.578	1.492	6.90
96) T	1,2,3-Trichlorobe	0.811	0.901	0.796	0.799	0.832	0.963	0.850	7.91

(#= Out of Range)