

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : 82F041719S.M
 Title : SW846 8260
 Last Update : Thu Apr 18 07:43:02 2019
 Response Via : Initial Calibration

Calibration Files

10 =VF062191.D 5 =VF062190.D 20 =VF062192.D
 50 =VF062193.D 100 =VF062195.D 75 =VF062194.D

	Compound	10	5	20	50	100	75	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.820	0.841	0.766	0.724	0.723	0.685	0.760	8.01
3) P	Chloromethane	0.824	0.893	0.764	0.752	0.764	0.716	0.785	8.05
4) C	Vinyl Chloride	0.720	0.724	0.663	0.659	0.669	0.614	0.675	6.12#
5) T	Bromomethane	0.431	0.440	0.334	0.408	0.368	0.371	0.392	10.46
6) T	Chloroethane	0.304	0.330	0.257	0.293	0.246	0.263	0.282	11.45
7) T	Trichlorofluorome	0.887	0.970	0.807	0.847	0.827	0.804	0.857	7.38
8) T	Diethyl Ether	0.180	0.201	0.172	0.182	0.171	0.164	0.178	7.22
9) T	1,1,2-Trichlorotr	0.605	0.651	0.575	0.572	0.577	0.533	0.586	6.73
10) T	Methyl Iodide	1.088	1.097	1.004	1.043	1.032	0.978	1.040	4.46
11) T	Tert butyl alcoho	0.033	0.037	0.031	0.030	0.032	0.028	0.032	9.64
12) CM	1,1-Dichloroethen	0.569	0.629	0.563	0.539	0.524	0.518	0.557	7.34#
13) T	Acrolein	0.023	0.031	0.020	0.013	0.015	0.015	0.019	35.56
14) T	Allyl chloride	0.664	0.743	0.643	0.597	0.614	0.574	0.639	9.43
15) T	Acrylonitrile	0.094	0.115	0.108	0.094	0.089	0.082	0.097	12.39
16) T	Acetone	0.115	0.131	0.102	0.109	0.099	0.102	0.110	10.81
17) T	Carbon Disulfide	1.582	1.568	1.517	1.578	1.559	1.482	1.548	2.57
18) T	Methyl Acetate	0.324	0.518	0.283	0.239	0.225	0.221	0.302	37.49
19) T	Methyl tert-butyl	0.955	1.082	0.993	0.962	0.971	0.938	0.983	5.24
20) T	Methylene Chlorid	0.841	1.181	0.611	0.547	0.511	0.502	0.699	38.24
21) T	trans-1,2-Dichlor	0.566	0.627	0.531	0.549	0.526	0.506	0.551	7.72
22) T	Diisopropyl ether	1.694	1.845	1.649	1.578	1.579	1.465	1.635	7.88
23) T	Vinyl Acetate	0.794	0.827	0.775	0.813	0.742	0.723	0.779	5.19
24) P	1,1-Dichloroethan	0.925	0.967	0.911	0.838	0.883	0.843	0.894	5.58
25) T	2-Butanone	0.219	0.261	0.208	0.214	0.208	0.204	0.219	9.74
26) T	2,2-Dichloropropa	0.471	0.537	0.459	0.415	0.432	0.395	0.452	11.14
27) T	cis-1,2-Dichloroe	0.722	0.786	0.690	0.722	0.691	0.669	0.713	5.73
28) T	Bromochloromethan	0.440	0.473	0.475	0.378	0.406	0.398	0.428	9.51
29) T	Tetrahydrofuran	0.107	0.113	0.093	0.098	0.093	0.091	0.099	9.03
30) C	Chloroform	1.086	1.276	1.095	1.085	1.048	1.007	1.099	8.41#
31) T	Cyclohexane	1.117	1.238	1.040	1.041	1.018	0.977	1.072	8.72
32) T	1,1,1-Trichloroet	0.851	0.952	0.837	0.625	0.813	0.749	0.805	13.64
33) S	1,2-Dichloroethan	0.442	0.506	0.429	0.475	0.446	0.453	0.458	6.00
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.456	0.507	0.446	0.421	0.393	0.401	0.437	9.60
36) T	1,1-Dichloroprope	0.602	0.688	0.613	0.595	0.559	0.540	0.599	8.60
37) T	Ethyl Acetate	0.312	0.333	0.278	0.273	0.257	0.244	0.283	11.91
38) T	Carbon Tetrachlor	0.525	0.571	0.549	0.483	0.556	0.499	0.531	6.50
39) T	Methylcyclohexane	0.734	0.819	0.712	0.711	0.675	0.656	0.718	7.93
40) TM	Benzene	1.630	1.824	1.593	1.530	1.473	1.385	1.572	9.60
41) T	Methacrylonitrile	0.156	0.204	0.160	0.164	0.152	0.144	0.163	12.93
42) TM	1,2-Dichloroethan	0.417	0.446	0.423	0.409	0.413	0.385	0.416	4.80
43) T	Isopropyl Acetate	0.278	0.366	0.271	0.286	0.311	0.274	0.298	12.24
44) TM	Trichloroethene	0.449	0.475	0.427	0.422	0.392	0.385	0.425	8.02
45) C	1,2-Dichloropropa	0.349	0.384	0.338	0.337	0.356	0.314	0.346	6.73#
46) T	Dibromomethane	0.232	0.243	0.232	0.235	0.226	0.214	0.230	4.21
47) T	Bromodichlorometh	0.523	0.572	0.531	0.507	0.512	0.475	0.520	6.15
48) T	Methyl methacryla	0.182	0.234	0.191	0.190	0.196	0.181	0.196	10.01
49) T	1,4-Dioxane	0.002	0.003	0.002	0.002	0.002	0.002	0.002	12.24
50) S	Toluene-d8	1.106	1.254	1.089	1.113	1.035	1.046	1.107	7.08
51) T	4-Methyl-2-Pentan	0.224	0.270	0.217	0.214	0.206	0.196	0.221	11.57
52) CM	Toluene	0.831	0.925	0.821	0.836	0.825	0.736	0.829	7.26#

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	Compound	10	5	20	50	100	75	Avg	%RSD
53) T	t-1,3-Dichloropro	0.388	0.425	0.395	0.387	0.394	0.354	0.391	5.82
54) T	cis-1,3-Dichlorop	0.536	0.594	0.526	0.519	0.518	0.476	0.528	7.22
55) T	1,1,2-Trichloroet	0.235	0.245	0.230	0.229	0.241	0.214	0.232	4.69
56) T	Ethyl methacrylat	0.256	0.301	0.241	0.253	0.286	0.247	0.264	9.04
57) T	1,3-Dichloropropa	0.366	0.406	0.368	0.370	0.396	0.344	0.375	5.99
58) T	2-Chloroethyl Vin	0.072	0.075	0.077	0.078	0.080	0.078	0.077	3.68
59) T	2-Hexanone	0.143	0.189	0.135	0.136	0.144	0.128	0.146	15.11
60) T	Dibromochlorometh	0.334	0.373	0.336	0.344	0.357	0.328	0.345	4.86
61) T	1,2-Dibromoethane	0.251	0.280	0.258	0.259	0.278	0.244	0.262	5.65
62) S	4-Bromofluorobenz	0.423	0.519	0.422	0.408	0.408	0.376	0.426	11.43
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.465	0.515	0.436	0.447	0.417	0.429	0.451	7.82
65) PM	Chlorobenzene	1.086	1.102	1.054	1.113	1.035	1.006	1.066	3.90
66) T	1,1,1,2-Tetrachlo	0.533	0.593	0.491	0.497	0.437	0.445	0.499	11.60
67) C	Ethyl Benzene	1.942	2.354	1.954	1.894	1.751	1.736	1.939	11.55#
68) T	m/p-Xylenes	0.750	0.835	0.700	0.692	0.668	0.637	0.714	9.85
69) T	o-Xylene	0.825	0.921	0.775	0.795	0.718	0.719	0.792	9.58
70) T	Styrene	1.176	1.339	1.096	1.073	1.024	1.001	1.118	11.09
71) P	Bromoform	0.275	0.317	0.248	0.259	0.241	0.242	0.264	11.05
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.435	4.941	4.348	4.360	3.761	3.925	4.295	9.68
74) T	N-amyl acetate	1.190	1.518	1.097	1.017	1.012	0.977	1.135	17.86
75) P	1,1,2,2-Tetrachlo	0.729	0.849	0.710	0.748	0.695	0.700	0.739	7.81
76) T	1,2,3-Trichloropr	0.509	0.581	0.489	0.509	0.485	0.476	0.508	7.49
77) T	Bromobenzene	0.884	1.015	0.929	0.919	0.891	0.882	0.920	5.47
78) T	n-propylbenzene	4.679	5.549	4.542	4.429	3.976	4.010	4.531	12.67
79) T	2-Chlorotoluene	2.824	3.148	2.790	2.720	2.473	2.536	2.748	8.74
80) T	1,3,5-Trimethylbe	3.673	4.265	3.629	3.573	3.054	3.269	3.577	11.55
81) T	trans-1,4-Dichlor	0.232	0.318	0.263	0.262	0.245	0.235	0.259	12.25
82) T	4-Chlorotoluene	2.692	3.173	2.646	2.579	2.404	2.443	2.656	10.42
83) T	tert-Butylbenzene	3.906	4.273	3.780	3.711	3.180	3.347	3.699	10.62
84) T	1,2,4-Trimethylbe	3.615	4.223	3.525	3.367	2.968	3.073	3.462	12.99
85) T	sec-Butylbenzene	5.078	5.666	4.881	4.860	4.035	4.296	4.803	12.06
86) T	p-Isopropyltoluen	4.303	4.820	4.280	4.058	3.374	3.608	4.074	12.79
87) T	1,3-Dichlorobenze	1.763	2.084	1.731	1.638	1.520	1.508	1.707	12.43
88) T	1,4-Dichlorobenze	1.673	1.974	1.612	1.613	1.531	1.478	1.647	10.58
89) T	n-Butylbenzene	4.338	5.037	4.108	3.561	3.078	3.313	3.906	18.69
90) T	Hexachloroethane	1.045	1.173	1.065	1.070	0.941	0.983	1.046	7.67
91) T	1,2-Dichlorobenze	1.699	2.015	1.666	1.600	1.442	1.471	1.649	12.53
92) T	1,2-Dibromo-3-Chl	0.138	0.184	0.137	0.149	0.132	0.131	0.145	13.91
93) T	1,2,4-Trichlorobe	1.485	1.635	1.403	1.342	1.199	1.212	1.379	12.09
94) T	Hexachlorobutadie	0.976	1.027	0.963	0.955	0.867	0.888	0.946	6.24
95) T	Naphthalene	2.386	2.744	2.332	2.390	2.298	2.322	2.412	6.91
96) T	1,2,3-Trichlorobe	1.340	1.510	1.315	1.356	1.197	1.229	1.324	8.36

(#) = Out of Range