

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D071519S.M
 Title : SW846 8260
 Last Update : Tue Jul 16 08:11:56 2019
 Response Via : Initial Calibration

Calibration Files

5 =VD063075.D 10 =VD063076.D 20 =VD063077.D
 50 =VD063078.D 75 =VD063079.D 100 =VD063080.D

	Compound	5	10	20	50	75	100	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.827	0.686	0.725	0.535	0.526	0.592	0.648	18.27
3) P	Chloromethane	0.735	0.536	0.576	0.434	0.419	0.453	0.525	22.82
4) C	Vinyl Chloride	0.593	0.574	0.615	0.456	0.463	0.501	0.534	12.96#
5) T	Bromomethane	0.337	0.272	0.227	0.200	0.190	0.202	0.238	23.90
6) T	Chloroethane	0.284	0.274	0.249	0.227	0.238	0.215	0.248	10.81
7) T	Trichlorofluorome	1.246	1.037	1.151	1.030	0.937	1.079	1.080	9.92
8) T	Diethyl Ether	0.154	0.146	0.159	0.139	0.157	0.158	0.152	5.23
9) T	1,1,2-Trichlorotr	0.712	0.660	0.676	0.514	0.555	0.621	0.623	12.14
10) T	Methyl Iodide	0.736	0.704	0.761	0.719	0.749	0.921	0.765	10.34
11) T	Tert butyl alcoho	0.041	0.029	0.039	0.035	0.036	0.035	0.036	11.36
12) CM	1,1-Dichloroethen	0.545	0.435	0.447	0.374	0.407	0.446	0.442	12.95#
13) T	Acrolein	0.018	0.014	0.015	0.006	0.006	0.006	0.011	46.95
14) T	Allyl chloride	0.705	0.637	0.753	0.656	0.667	0.752	0.695	7.18
15) T	Acrylonitrile	0.081	0.073	0.078	0.074	0.086	0.084	0.079	6.49
16) T	Acetone	0.147	0.120	0.144	0.159	0.170	0.162	0.150	11.85
17) T	Carbon Disulfide	1.546	1.243	1.364	1.084	1.096	1.264	1.266	13.69
18) T	Methyl Acetate	0.467	0.302	0.292	0.190	0.205	0.213	0.278	37.25
19) T	Methyl tert-butyl	1.148	1.023	1.202	1.050	1.095	1.182	1.117	6.47
20) T	Methylene Chlorid	0.622	0.678	0.617	0.505	0.474	0.514	0.568	14.35
21) T	trans-1,2-Dichlor	0.549	0.466	0.538	0.422	0.457	0.514	0.491	10.27
22) T	Diisopropyl ether	1.479	1.443	1.595	1.438	1.462	1.653	1.511	5.95
23) T	Vinyl Acetate	0.690	0.814	0.914	0.896	0.946	1.031	0.882	13.35
24) P	1,1-Dichloroethan	0.920	0.910	0.973	0.882	0.894	1.008	0.931	5.26
25) T	2-Butanone	0.146	0.125	0.137	0.141	0.161	0.152	0.144	8.62
26) T	2,2-Dichloropropa	1.095	1.022	1.063	0.963	0.949	1.091	1.030	6.15
27) T	cis-1,2-Dichloroe	0.602	0.545	0.583	0.516	0.526	0.578	0.559	6.17
28) T	Bromochloromethan	0.335	0.340	0.361	0.327	0.306	0.358	0.338	6.00
29)	Tetrahydrofuran	0.067	0.060	0.063	0.063	0.067	0.070	0.065	5.75
30) C	Chloroform	1.209	1.146	1.160	1.063	1.068	1.235	1.147	6.17#
31) T	Cyclohexane	0.687	0.595	0.593	0.524	0.530	0.628	0.593	10.34
32) T	1,1,1-Trichloroet	1.210	1.129	1.197	1.058	1.017	1.174	1.131	6.92
33) S	1,2-Dichloroethan	0.524	0.667	0.707	0.609	0.630	0.599	0.623	10.06

34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.456	0.566	0.531	0.459	0.489	0.486	0.498	8.63
36) T	1,1-Dichloroprope	0.599	0.589	0.569	0.491	0.520	0.606	0.562	8.31
37) T	Ethyl Acetate	0.211	0.249	0.239	0.232	0.251	0.262	0.241	7.51
38) T	Carbon Tetrachlor	0.863	0.910	0.864	0.761	0.820	0.910	0.854	6.66
39) T	Methylcyclohexane	0.548	0.529	0.491	0.409	0.437	0.504	0.486	11.01
40) TM	Benzene	1.205	1.216	1.204	1.085	1.092	1.264	1.178	6.18
41) T	Methacrylonitrile	0.334	0.325	0.323	0.296	0.321	0.358	0.326	6.19
42) TM	1,2-Dichloroethan	0.617	0.640	0.652	0.563	0.611	0.683	0.627	6.52
43) T	Isopropyl Acetate	0.347	0.338	0.350	0.328	0.345	0.361	0.345	3.25
44) TM	Trichloroethene	0.459	0.466	0.503	0.396	0.420	0.487	0.455	8.90
45) C	1,2-Dichloropropa	0.306	0.308	0.294	0.260	0.277	0.316	0.294	7.27#
46) T	Dibromomethane	0.255	0.266	0.260	0.232	0.240	0.260	0.252	5.24
47) T	Bromodichlorometh	0.661	0.684	0.676	0.606	0.627	0.697	0.658	5.33
48) T	Methyl methacryla	0.258	0.227	0.218	0.210	0.211	0.236	0.227	8.04
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	7.56
50) S	Toluene-d8	0.976	1.204	1.156	0.967	1.064	1.051	1.070	8.87
51) T	4-Methyl-2-Pentan	0.211	0.218	0.231	0.223	0.246	0.244	0.229	6.16
52) CM	Toluene	0.822	0.818	0.827	0.697	0.719	0.836	0.786	7.81#

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	Compound	5	10	20	50	75	100	Avg	%RSD
53) T	t-1,3-Dichloropro	0.547	0.578	0.569	0.526	0.542	0.623	0.564	6.14
54) T	cis-1,3-Dichlorop	0.596	0.600	0.569	0.556	0.553	0.627	0.583	4.96
55) T	1,1,2-Trichloroet	0.268	0.299	0.259	0.251	0.267	0.287	0.272	6.65
56) T	Ethyl methacrylat	0.294	0.287	0.316	0.285	0.315	0.326	0.304	5.62
57) T	1,3-Dichloropropa	0.450	0.413	0.408	0.366	0.409	0.434	0.414	6.88
58) T	2-Chloroethyl Vin	0.159	0.167	0.177	0.171	0.168	0.173	0.169	3.73
59) T	2-Hexanone	0.170	0.164	0.179	0.175	0.177	0.194	0.176	5.55
60) T	Dibromochlorometh	0.521	0.499	0.534	0.490	0.505	0.576	0.521	6.01
61) T	1,2-Dibromoethane	0.312	0.321	0.336	0.294	0.338	0.351	0.325	6.36
62) S	4-Bromofluorobenz	0.512	0.570	0.518	0.446	0.462	0.462	0.495	9.54
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.605	0.511	0.475	0.415	0.436	0.469	0.485	13.89
65) PM	Chlorobenzene	1.261	1.223	1.257	1.080	1.051	1.179	1.175	7.69
66) T	1,1,1,2-Tetrachlo	0.523	0.572	0.550	0.492	0.547	0.584	0.545	6.12
67) C	Ethyl Benzene	2.238	2.057	2.080	1.812	1.976	2.091	2.042	6.92#
68) T	m/p-Xylenes	0.820	0.732	0.730	0.637	0.726	0.743	0.731	7.94
69) T	o-Xylene	0.777	0.738	0.681	0.626	0.634	0.705	0.694	8.47
70) T	Styrene	1.295	1.296	1.219	1.123	1.121	1.231	1.214	6.46
71) P	Bromoform	0.384	0.358	0.380	0.362	0.400	0.404	0.382	4.96
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	3.808	4.066	3.879	3.563	3.587	4.265	3.861	7.06
74) T	N-amyl acetate	1.025	0.979	1.086	1.063	1.107	1.201	1.077	7.07
75) P	1,1,2,2-Tetrachlo	0.671	0.645	0.705	0.684	0.727	0.782	0.703	6.84
76) T	1,2,3-Trichloropr	0.741	0.709	0.785	0.764	0.772	0.843	0.769	5.87
77) T	Bromobenzene	1.094	1.122	1.093	1.032	1.013	1.216	1.095	6.60
78) T	n-propylbenzene	4.575	4.768	4.484	4.363	3.974	4.499	4.444	5.99
79) T	2-Chlorotoluene	2.933	2.538	2.724	2.509	2.463	2.953	2.687	8.10
80) T	1,3,5-Trimethylbe	3.652	3.588	3.307	3.078	2.905	3.662	3.365	9.56
81) T	trans-1,4-Dichlor	0.221	0.184	0.185	0.197	0.198	0.230	0.203	9.23
82) T	4-Chlorotoluene	3.411	3.266	3.057	2.943	2.744	3.403	3.137	8.57
83) T	tert-Butylbenzene	4.006	3.818	3.748	3.636	3.462	4.162	3.805	6.62
84) T	1,2,4-Trimethylbe	3.372	3.530	3.438	3.164	3.006	3.621	3.355	6.88
85) T	sec-Butylbenzene	4.421	3.967	4.099	3.773	3.732	4.265	4.043	6.73
86) T	p-Isopropyltoluen	4.097	3.929	3.912	3.402	3.448	3.843	3.772	7.47
87) T	1,3-Dichlorobenze	1.968	2.022	2.012	1.784	1.883	2.065	1.956	5.34
88) T	1,4-Dichlorobenze	2.026	1.785	1.928	1.751	1.742	2.018	1.875	7.05
89) T	n-Butylbenzene	3.691	3.580	3.523	3.198	3.174	3.693	3.476	6.74
90) T	Hexachloroethane	1.029	0.987	0.975	0.969	0.979	1.111	1.008	5.45
91) T	1,2-Dichlorobenze	1.830	1.797	1.791	1.630	1.624	1.775	1.741	5.17
92) T	1,2-Dibromo-3-Chl	0.131	0.116	0.130	0.133	0.140	0.157	0.135	9.99
93) T	1,2,4-Trichlorobe	1.360	1.145	1.355	1.278	1.269	1.443	1.308	7.82
94) T	Hexachlorobutadie	0.950	0.951	0.963	0.947	0.938	1.036	0.964	3.72
95) T	Naphthalene	1.822	1.824	1.979	1.775	1.990	2.092	1.914	6.50
96) T	1,2,3-Trichlorobe	1.099	1.001	1.016	1.044	1.030	1.124	1.052	4.60

(#) = Out of Range