

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\
 Method File : 82D030420S.M
 Title : SW846 8260
 Last Update : Wed Mar 04 16:54:14 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD065405.D 5 =VD065411.D 20 =VD065412.D
 50 =VD065407.D 100 =VD065408.D 150 =VD065409.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.523	0.463	0.459	0.395	0.379	0.361	0.430	14.39
3) P	Chloromethane	0.584	0.613	0.538	0.473	0.464	0.441	0.519	13.51
4) C	Vinyl Chloride	0.546	0.583	0.525	0.492	0.472	0.453	0.512	9.49#
5) T	Bromomethane	0.380	0.411	0.324	0.304	0.280	0.264	0.327	17.64
6) T	Chloroethane	0.343	0.353	0.315	0.305	0.288	0.276	0.313	9.60
7) T	Trichlorofluorome	0.838	0.862	0.762	0.717	0.686	0.658	0.754	10.92
8) T	Diethyl Ether	0.225	0.257	0.218	0.214	0.214	0.217	0.224	7.44
9) T	1,1,2-Trichlorotr	0.515	0.579	0.484	0.458	0.451	0.427	0.486	11.24
10) T	Methyl Iodide	0.496	0.425	0.471	0.548	0.550	0.538	0.505	9.94
11) T	Tert butyl alcoho	0.019	0.024	0.020	0.023	0.024	0.027	0.023	12.07
12) CM	1,1-Dichloroethen	0.481	0.550	0.457	0.443	0.438	0.420	0.465	9.97#
13) T	Acrolein	0.042	0.048	0.042	0.038	0.041	0.044	0.042	7.58
14) T	Allyl chloride	0.707	0.782	0.694	0.704	0.706	0.693	0.714	4.71
15) T	Acrylonitrile	0.095	0.109	0.087	0.094	0.096	0.103	0.098	7.96
16) T	Acetone	0.083	0.110	0.080	0.079	0.082	0.086	0.087	13.50
17) T	Carbon Disulfide	1.630	1.766	1.537	1.503	1.454	1.401	1.549	8.52
18) T	Methyl Acetate	0.216	0.260	0.202	0.204	0.212	0.226	0.220	9.78
19) T	Methyl tert-butyl	0.839	0.918	0.845	0.896	0.914	0.953	0.894	4.98
20) T	Methylene Chlorid	0.612	0.715	0.511	0.478	0.457	0.448	0.537	19.66
21) T	trans-1,2-Dichlor	0.513	0.593	0.510	0.510	0.499	0.478	0.517	7.63
22) T	Diisopropyl ether	1.324	1.320	1.327	1.355	1.330	1.312	1.328	1.11
23) T	Vinyl Acetate	0.651	0.704	0.697	0.766	0.792	0.815	0.737	8.57
24) P	1,1-Dichloroethan	0.890	0.948	0.851	0.831	0.803	0.787	0.852	6.98
25) T	2-Butanone	0.111	0.132	0.105	0.113	0.120	0.129	0.118	8.93
26) T	2,2-Dichloropropa	0.752	0.880	0.730	0.718	0.705	0.680	0.744	9.50
27) T	cis-1,2-Dichloroe	0.527	0.566	0.517	0.528	0.523	0.511	0.529	3.62
28) T	Bromochloromethan	0.346	0.381	0.327	0.330	0.329	0.331	0.341	6.15
29) T	Tetrahydrofuran	0.069	0.080	0.068	0.075	0.077	0.085	0.076	8.62
30) C	Chloroform	0.909	0.951	0.829	0.836	0.804	0.779	0.851	7.68#
31) T	Cyclohexane	0.862	1.029	0.833	0.815	0.803	0.769	0.852	10.82
32) T	1,1,1-Trichloroet	0.820	0.908	0.769	0.769	0.743	0.711	0.787	8.82
33) S	1,2-Dichloroethan	0.440	0.498	0.406	0.415	0.405	0.410	0.429	8.47
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.304	0.354	0.298	0.311	0.293	0.294	0.309	7.42
36) T	1,1-Dichloroprope	0.467	0.540	0.472	0.486	0.461	0.450	0.479	6.65
37) T	Ethyl Acetate	0.168	0.208	0.170	0.179	0.184	0.202	0.185	8.98
38) T	Carbon Tetrachlor	0.495	0.565	0.498	0.495	0.476	0.453	0.497	7.50
39) T	Methylcyclohexane	0.523	0.591	0.571	0.608	0.604	0.576	0.579	5.35
40) TM	Benzene	1.355	1.460	1.326	1.364	1.288	1.247	1.340	5.45
41) T	Methacrylonitrile	0.085	0.103	0.097	0.085	0.106	0.111	0.098	11.12
42) TM	1,2-Dichloroethan	0.362	0.379	0.339	0.344	0.340	0.336	0.350	4.89
43) T	Isopropyl Acetate	0.309	0.363	0.319	0.341	0.345	0.375	0.342	7.30
44) TM	Trichloroethene	0.376	0.413	0.377	0.383	0.367	0.355	0.378	5.12
45) C	1,2-Dichloropropa	0.329	0.345	0.323	0.327	0.315	0.309	0.325	3.85#
46) T	Dibromomethane	0.169	0.181	0.162	0.170	0.164	0.165	0.168	4.24
47) T	Bromodichlorometh	0.453	0.459	0.433	0.443	0.421	0.420	0.438	3.70
48) T	Methyl methacryla	0.142	0.172	0.145	0.160	0.169	0.177	0.161	9.03
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	0.002	9.37
50) S	Toluene-d8	1.126	1.278	1.148	1.240	1.170	1.155	1.186	5.00
51) T	4-Methyl-2-Pentan	0.156	0.168	0.161	0.175	0.179	0.193	0.172	7.86
52) CM	Toluene	0.820	0.904	0.833	0.874	0.830	0.804	0.844	4.42#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.390	0.420	0.381	0.418	0.421	0.425	0.409	4.56
54) T	cis-1,3-Dichlorop	0.489	0.481	0.481	0.512	0.504	0.507	0.495	2.78
55) T	1,1,2-Trichloroet	0.238	0.262	0.233	0.235	0.229	0.233	0.238	5.06
56) T	Ethyl methacrylat	0.234	0.237	0.248	0.282	0.298	0.314	0.269	12.56
57) T	1,3-Dichloropropa	0.391	0.439	0.389	0.402	0.396	0.404	0.403	4.52
58) T	2-Chloroethyl Vin	0.124	0.072	0.079	0.077	0.082	0.086	0.087	21.74
59) T	2-Hexanone	0.102	0.116	0.111	0.123	0.126	0.137	0.119	10.52
60) T	Dibromochlorometh	0.300	0.337	0.292	0.305	0.299	0.302	0.306	5.17
61) T	1,2-Dibromoethane	0.221	0.248	0.218	0.224	0.225	0.229	0.227	4.78
62) S	4-Bromofluorobenz	0.343	0.382	0.346	0.387	0.368	0.371	0.366	4.90
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.347	0.398	0.364	0.360	0.347	0.333	0.358	6.26
65) PM	Chlorobenzene	0.996	1.095	0.977	0.992	0.950	0.928	0.989	5.85
66) T	1,1,1,2-Tetrachlo	0.362	0.392	0.358	0.360	0.347	0.343	0.360	4.81
67) C	Ethyl Benzene	1.595	1.757	1.704	1.798	1.731	1.673	1.710	4.13#
68) T	m/p-Xylenes	0.626	0.664	0.668	0.699	0.660	0.638	0.659	3.83
69) T	o-Xylene	0.534	0.560	0.578	0.618	0.602	0.586	0.580	5.17
70) T	Styrene	0.949	0.982	1.044	1.086	1.042	1.021	1.021	4.78
71) P	Bromoform	0.198	0.223	0.194	0.197	0.197	0.205	0.202	5.24
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.942	3.264	3.263	3.543	3.419	3.301	3.289	6.14
74) T	N-amyl acetate	0.577	0.641	0.614	0.695	0.723	0.789	0.673	11.53
75) P	1,1,2,2-Tetrachlo	0.562	0.648	0.546	0.567	0.564	0.581	0.578	6.25
76) T	1,2,3-Trichloropr	0.374	0.348	0.454	0.387	0.395	0.409	0.395	9.09
77) T	Bromobenzene	0.792	0.883	0.790	0.833	0.806	0.798	0.817	4.40
78) T	n-propylbenzene	3.627	3.869	3.911	4.176	4.005	3.825	3.902	4.71
79) T	2-Chlorotoluene	2.124	2.252	2.199	2.287	2.198	2.135	2.199	2.88
80) T	1,3,5-Trimethylbe	2.539	2.654	2.700	2.920	2.770	2.639	2.704	4.82
81) T	trans-1,4-Dichlor	0.166	0.187	0.176	0.187	0.196	0.209	0.187	8.12
82) T	4-Chlorotoluene	2.222	2.411	2.322	2.407	2.293	2.212	2.311	3.74
83) T	tert-Butylbenzene	2.055	2.271	2.240	2.425	2.463	2.270	2.287	6.38
84) T	1,2,4-Trimethylbe	2.505	2.523	2.694	2.888	2.750	2.631	2.665	5.42
85) T	sec-Butylbenzene	3.009	3.283	3.215	3.512	3.365	3.206	3.265	5.18
86) T	p-Isopropyltoluen	2.703	2.855	2.998	3.241	3.126	2.953	2.979	6.42
87) T	1,3-Dichlorobenze	1.547	1.755	1.558	1.586	1.516	1.464	1.571	6.31
88) T	1,4-Dichlorobenze	1.540	1.767	1.537	1.563	1.510	1.458	1.563	6.81
89) T	n-Butylbenzene	2.477	2.732	2.704	2.991	2.892	2.731	2.754	6.40
90) T	Hexachloroethane	0.592	0.696	0.587	0.627	0.601	0.578	0.614	7.13
91) T	1,2-Dichlorobenze	1.308	1.488	1.300	1.340	1.307	1.278	1.337	5.74
92) T	1,2-Dibromo-3-Chl	0.088	0.103	0.075	0.085	0.085	0.092	0.088	10.22
93) T	1,2,4-Trichlorobe	0.827	0.918	0.882	0.925	0.946	0.939	0.906	4.96
94) T	Hexachlorobutadie	0.544	0.689	0.581	0.606	0.588	0.564	0.595	8.47
95) T	Naphthalene	1.131	1.363	1.301	1.510	1.633	1.757	1.449	15.83
96) T	1,2,3-Trichlorobe	0.721	0.782	0.753	0.806	0.816	0.819	0.783	4.99

(#) = Out of Range