

Method Path : Z:\VOASRV\HPCHEM1\MSVOA D\METHOD\
 Method File : 82D041520S.M
 Title : SW846 8260
 Last Update : Wed Apr 15 19:43:39 2020
 Response Via : Initial Calibration

Calibration Files

10 =VD065634.D 5 =VD065633.D 20 =VD065635.D
 50 =VD065636.D 100 =VD065637.D 150 =VD065638.D

	Compound	10	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.415	0.424	0.389	0.439	0.414	0.417	0.416	3.87
3) P	Chloromethane	0.468	0.474	0.448	0.452	0.435	0.450	0.454	3.11
4) C	Vinyl Chloride	0.504	0.540	0.492	0.488	0.474	0.464	0.494	5.39#
5) T	Bromomethane	0.276	0.288	0.253	0.253	0.261	0.278	0.268	5.33
6) T	Chloroethane	0.302	0.318	0.299	0.289	0.276	0.277	0.293	5.53
7) T	Trichlorofluorome	0.762	0.772	0.703	0.686	0.654	0.647	0.704	7.55
8) T	Diethyl Ether	0.144	0.140	0.142	0.153	0.141	0.147	0.145	3.34
9) T	1,1,2-Trichlorotr	0.336	0.330	0.316	0.313	0.312	0.318	0.321	3.11
10) T	Methyl Iodide	0.366	0.338	0.358	0.392	0.592	0.604	0.442	27.64
11) T	Tert butyl alcoho	0.028	0.020	0.024	0.018	0.022	0.023	0.022	16.10
12) CM	1,1-Dichloroethen	0.287	0.300	0.281	0.282	0.287	0.292	0.288	2.48#
13) T	Acrolein	0.017	0.016	0.016	0.023	0.020	0.021	0.019	14.61
14) T	Allyl chloride	0.438	0.417	0.414	0.450	0.696	0.708	0.520	27.14
15) T	Acrylonitrile	0.090	0.082	0.087	0.069	0.094	0.100	0.087	12.17
16) T	Acetone	0.060	0.067	0.052	0.062	0.056	0.068	0.061	10.24
17) T	Carbon Disulfide	0.998	0.999	0.926	0.952	1.413	1.395	1.114	20.33
18) T	Methyl Acetate	0.175	0.180	0.158	0.172	0.235	0.248	0.195	19.15
19) T	Methyl tert-butyl	0.775	0.726	0.804	0.696	0.922	0.977	0.817	13.59
20) T	Methylene Chlorid	0.573	0.606	0.326	0.335	0.457	0.462	0.460	25.28
21) T	trans-1,2-Dichlor	0.491	0.493	0.492	0.347	0.487	0.485	0.466	12.50
22) T	Diisopropyl ether	1.272	1.109	1.349	1.462	1.379	1.416	1.331	9.47
23) T	Vinyl Acetate	0.622	0.554	0.671	0.820	0.774	0.814	0.709	15.51
24) P	1,1-Dichloroethan	0.863	0.898	0.829	0.844	0.801	0.810	0.841	4.28
25) T	2-Butanone	0.111	0.106	0.103	0.127	0.114	0.121	0.114	8.13
26) T	2,2-Dichloropropa	0.746	0.801	0.728	0.723	0.702	0.697	0.733	5.18
27) T	cis-1,2-Dichloroe	0.501	0.516	0.508	0.530	0.519	0.528	0.517	2.15
28) T	Bromochloromethan	0.364	0.325	0.344	0.352	0.316	0.314	0.336	6.06
29) T	Tetrahydrofuran	0.065	0.056	0.068	0.084	0.076	0.082	0.072	14.86
30) C	Chloroform	0.897	0.910	0.866	0.865	0.809	0.816	0.861	4.78#
31) T	Cyclohexane	0.808	0.884	0.779	0.793	0.772	0.770	0.801	5.37
32) T	1,1,1-Trichloroet	0.808	0.824	0.774	0.768	0.738	0.731	0.774	4.74
33) S	1,2-Dichloroethan	0.445	0.445	0.420	0.440	0.401	0.401	0.425	4.88
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.320	0.304	0.306	0.321	0.310	0.306	0.311	2.44
36) T	1,1-Dichloroprope	0.470	0.478	0.482	0.502	0.487	0.478	0.483	2.26
37) T	Ethyl Acetate	0.179	0.159	0.194	0.223	0.194	0.206	0.193	11.51
38) T	Carbon Tetrachlor	0.522	0.525	0.521	0.533	0.508	0.494	0.517	2.69
39) T	Methylcyclohexane	0.498	0.506	0.542	0.608	0.609	0.608	0.562	9.49
40) TM	Benzene	1.366	1.380	1.376	1.447	1.384	1.375	1.388	2.11
41) T	Methacrylonitrile	0.092	0.076	0.101	0.090	0.103	0.110	0.095	12.62
42) TM	1,2-Dichloroethan	0.374	0.360	0.379	0.414	0.373	0.384	0.380	4.78
43) T	Isopropyl Acetate	0.312	0.293	0.326	0.394	0.367	0.387	0.347	12.11
44) TM	Trichloroethene	0.375	0.397	0.392	0.398	0.384	0.385	0.389	2.25
45) C	1,2-Dichloropropa	0.326	0.327	0.346	0.364	0.340	0.341	0.341	4.09#
46) T	Dibromomethane	0.172	0.161	0.174	0.192	0.176	0.182	0.176	5.88
47) T	Bromodichlorometh	0.461	0.453	0.465	0.503	0.465	0.467	0.469	3.67
48) T	Methyl methacryla	0.135	0.140	0.155	0.209	0.181	0.191	0.169	17.54
49) T	1,4-Dioxane	0.002	0.001	0.002	0.002	0.002	0.002	0.002	17.03
50) S	Toluene-d8	1.113	1.082	1.149	1.202	1.185	1.152	1.147	3.88
51) T	4-Methyl-2-Pentan	0.154	0.135	0.164	0.211	0.190	0.201	0.176	16.65
52) CM	Toluene	0.808	0.755	0.868	0.922	0.887	0.894	0.856	7.26#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.389	0.369	0.412	0.488	0.453	0.473	0.431	11.15
54) T	cis-1,3-Dichlorop	0.475	0.461	0.513	0.575	0.541	0.563	0.521	8.88
55) T	1,1,2-Trichloroet	0.242	0.228	0.253	0.276	0.245	0.251	0.249	6.36
56) T	Ethyl methacrylat	0.220	0.190	0.255	0.323	0.311	0.332	0.272	21.70
57) T	1,3-Dichloropropa	0.409	0.387	0.414	0.467	0.426	0.443	0.424	6.59
58) T	2-Chloroethyl Vin	0.114	0.105	0.128	0.156	0.150	0.156	0.135	16.61
59) T	2-Hexanone	0.101	0.091	0.112	0.146	0.131	0.138	0.120	18.32
60) T	Dibromochlorometh	0.318	0.299	0.328	0.360	0.327	0.338	0.328	6.15
61) T	1,2-Dibromoethane	0.234	0.215	0.233	0.266	0.242	0.248	0.240	7.09
62) S	4-Bromofluorobenz	0.359	0.361	0.375	0.407	0.396	0.391	0.382	5.20
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.349	0.374	0.364	0.363	0.354	0.348	0.359	2.84
65) PM	Chlorobenzene	0.963	0.988	0.998	1.012	0.990	0.989	0.990	1.62
66) T	1,1,1,2-Tetrachlo	0.379	0.372	0.383	0.386	0.376	0.377	0.378	1.34
67) C	Ethyl Benzene	1.538	1.574	1.707	1.774	1.787	1.772	1.692	6.47#
68) T	m/p-Xylenes	0.609	0.582	0.663	0.694	0.692	0.682	0.654	7.23
69) T	o-Xylene	0.510	0.495	0.563	0.619	0.626	0.628	0.573	10.48
70) T	Stvrene	0.897	0.817	1.036	1.123	1.111	1.107	1.015	12.69
71) P	Bromoform	0.208	0.198	0.211	0.229	0.212	0.218	0.213	4.82
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	2.653	2.579	3.014	3.226	3.317	3.305	3.016	10.91
74) T	N-amyl acetate	0.549	0.510	0.587	0.730	0.704	0.743	0.637	15.85
75) P	1,1,2,2-Tetrachlo	0.530	0.543	0.527	0.585	0.547	0.553	0.548	3.82
76) T	1,2,3-Trichloropr	0.354	0.343	0.424	0.465	0.443	0.383	0.402	12.32
77) T	Bromobenzene	0.768	0.740	0.797	0.844	0.822	0.834	0.801	5.04
78) T	n-propylbenzene	3.315	3.203	3.728	3.894	3.882	3.867	3.648	8.48
79) T	2-Chlorotoluene	1.958	1.883	2.088	2.176	2.165	2.161	2.072	5.96
80) T	1,3,5-Trimethylbe	2.262	2.176	2.593	2.768	2.743	2.728	2.545	10.25
81) T	trans-1,4-Dichlor	0.170	0.149	0.177	0.205	0.200	0.200	0.183	11.98
82) T	4-Chlorotoluene	2.178	2.054	2.286	2.339	2.271	2.249	2.229	4.52
83) T	tert-Butylbenzene	1.876	1.869	2.099	2.296	2.332	2.330	2.134	10.30
84) T	1,2,4-Trimethylbe	2.279	2.063	2.637	2.755	2.757	2.732	2.537	11.62
85) T	sec-Butylbenzene	2.751	2.704	3.086	3.257	3.260	3.257	3.053	8.54
86) T	p-Isopropyltoluen	2.759	2.399	2.833	3.066	3.073	3.059	2.865	9.24
87) T	1,3-Dichlorobenze	1.528	1.582	1.577	1.617	1.568	1.535	1.568	2.10
88) T	1,4-Dichlorobenze	1.540	1.612	1.564	1.609	1.527	1.512	1.561	2.71
89) T	n-Butylbenzene	2.306	2.343	2.576	2.779	2.805	2.793	2.600	8.84
90) T	Hexachloroethane	0.591	0.613	0.611	0.603	0.591	0.596	0.601	1.63
91) T	1,2-Dichlorobenze	1.301	1.303	1.359	1.414	1.339	1.350	1.344	3.11
92) T	1,2-Dibromo-3-Chl	0.079	0.075	0.081	0.090	0.085	0.087	0.083	6.70
93) T	1,2,4-Trichlorobe	0.825	0.846	0.883	0.994	0.990	1.011	0.925	8.95
94) T	Hexachlorobutadie	0.629	0.632	0.612	0.652	0.635	0.644	0.634	2.16
95) T	Naphthalene	1.075	0.987	1.217	1.618	1.589	1.707	1.365	22.68
96) T	1,2,3-Trichlorobe	0.724	0.741	0.787	0.909	0.845	0.887	0.816	9.40

(#) = Out of Range