

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_Y\METHODS\

Method File : 82Y121520S.M

Title : SW846 8260

Last Update : Wed Dec 16 05:00:50 2020

Response Via : Initial Calibration

Calibration Files

5 =VY003768.D 10 =VY003769.D 20 =VY003770.D 50 =VY003771.D 100 =VY003772.D 150 =VY003773.D

	Compound	5	10	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.495	0.563	0.547	0.488	0.435	0.435	0.494	10.90
3) P	Chloromethane	0.626	0.603	0.595	0.601	0.506	0.518	0.575	8.71
4) C	Vinyl Chloride	0.611	0.629	0.616	0.602	0.537	0.543	0.590	6.71#
5) T	Bromomethane	0.630	0.557	0.533	0.425	0.392	0.397	0.489	20.11
6) T	Chloroethane	0.397	0.389	0.381	0.379	0.344	0.355	0.374	5.42
7) T	Trichlorofluor...	1.025	1.039	1.003	0.977	0.881	0.892	0.969	6.95
8) T	Diethyl Ether	0.337	0.354	0.358	0.336	0.322	0.334	0.340	3.98
9) T	1,1,2-Trichlor...	0.584	0.600	0.590	0.580	0.530	0.532	0.569	5.33
10) T	Methyl Iodide	0.242	0.418	0.559	0.732	0.727	0.732	0.568	35.87
11) T	Tert butyl alc...	0.069	0.072	0.062	0.052	0.054	0.064	0.062	12.87
12) CM	1,1-Dichloroet...	0.584	0.588	0.584	0.571	0.523	0.526	0.563	5.36#
13) T	Acrolein	0.058	0.066	0.065	0.057	0.059	0.063	0.061	6.37
14) T	Allyl chloride	1.002	1.038	1.023	1.039	0.973	0.981	1.009	2.83
15) T	Acrylonitrile	0.162	0.181	0.179	0.168	0.172	0.185	0.174	4.97
16) T	Acetone	0.130	0.153	0.140	0.136	0.139	0.158	0.143	7.48
17) T	Carbon Disulfide	1.850	1.891	1.873	1.844	1.680	1.697	1.806	5.12
18) T	Methyl Acetate	0.401	0.437	0.418	0.373	0.389	0.421	0.406	5.79
19) T	Methyl tert-bu...	1.458	1.609	1.605	1.539	1.517	1.595	1.554	3.88
20) T	Methylene Chlo...	1.455	0.864	0.770	0.713	0.588	0.596	0.831	38.88
21) T	trans-1,2-Dich...	0.659	0.664	0.651	0.657	0.596	0.610	0.640	4.50
22) T	Diisopropyl ether	2.053	2.133	2.173	2.110	1.974	1.990	2.072	3.87
23) T	Vinyl Acetate	1.267	1.397	1.426	1.376	1.354	1.399	1.370	4.08
24) P	1,1-Dichloroet...	1.159	1.149	1.132	1.125	1.031	1.046	1.107	4.93
25) T	2-Butanone	0.210	0.249	0.229	0.217	0.228	0.250	0.231	7.06
26) T	2,2-Dichloropr...	1.095	1.041	1.024	1.008	0.922	0.919	1.001	6.90
27) T	cis-1,2-Dichlo...	0.726	0.736	0.736	0.720	0.664	0.671	0.709	4.64
28) T	Bromochloromet...	0.512	0.496	0.531	0.507	0.505	0.517	0.511	2.31
29) T	Tetrahydrofuran	0.142	0.170	0.162	0.151	0.157	0.172	0.159	7.16
30) C	Chloroform	1.165	1.135	1.127	1.123	1.030	1.042	1.104	4.95#
31) T	Cyclohexane	1.273	1.162	1.128	1.102	1.004	1.001	1.111	9.24
32) T	1,1,1-Trichlor...	1.044	0.988	1.000	0.999	0.923	0.931	0.981	4.68
33) S	1,2-Dichloroet...	0.635	0.639	0.616	0.602	0.603	0.626	0.620	2.53
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.356	0.373	0.352	0.364	0.361	0.364	0.362	2.04
36) T	1,1-Dichloropr...	0.582	0.583	0.575	0.580	0.526	0.527	0.562	4.92
37) T	Ethyl Acetate	0.320	0.358	0.350	0.322	0.334	0.355	0.340	5.02
38) T	Carbon Tetrach...	0.585	0.578	0.565	0.581	0.530	0.529	0.561	4.58
39) T	Methylcyclohexane	0.702	0.720	0.701	0.740	0.688	0.678	0.705	3.18
40) TM	Benzene	1.679	1.654	1.648	1.660	1.514	1.516	1.612	4.71
41) T	Methacrylonitrile	0.126	0.187	0.170	0.173	0.179	0.195	0.172	14.09
42) TM	1,2-Dichloroet...	0.504	0.498	0.496	0.476	0.444	0.454	0.479	5.23
43) T	Isopropyl Acetate	0.591	0.659	0.654	0.616	0.636	0.674	0.638	4.79
44) TM	Trichloroethene	0.477	0.488	0.465	0.473	0.436	0.436	0.463	4.71
45) C	1,2-Dichloropr...	0.430	0.425	0.424	0.424	0.389	0.391	0.414	4.48#
46) T	Dibromomethane	0.219	0.231	0.231	0.228	0.219	0.223	0.225	2.54
47) T	Bromodichlorom...	0.544	0.555	0.551	0.556	0.524	0.528	0.543	2.57
48) T	Methyl methacr...	0.260	0.300	0.295	0.289	0.297	0.312	0.292	6.00
49) T	1,4-Dioxane	0.003	0.003	0.003	0.003	0.003	0.003	0.003	5.50
50) S	Toluene-d8	1.411	1.469	1.397	1.465	1.419	1.430	1.432	2.05
51) T	4-Methyl-2-Pen...	0.293	0.352	0.338	0.320	0.332	0.352	0.331	6.69
52) CM	Toluene	1.020	1.040	1.036	1.060	0.970	0.967	1.015	3.80#
53) T	t-1,3-Dichloro...	0.554	0.585	0.593	0.603	0.575	0.589	0.583	2.92
54) T	cis-1,3-Dichlo...	0.674	0.688	0.678	0.697	0.648	0.654	0.673	2.80
55) T	1,1,2-Trichlor...	0.323	0.330	0.329	0.324	0.312	0.318	0.323	2.07

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56)	T	Ethyl methacry...	0.373	0.431	0.441	0.449	0.452	0.474	0.437	7.87
57)	T	1,3-Dichloropr...	0.556	0.577	0.567	0.564	0.539	0.548	0.559	2.46
58)	T	2-Chloroethyl ...	0.211	0.234	0.239	0.205	0.212	0.222	0.220	6.10
59)	T	2-Hexanone	0.192	0.236	0.227	0.218	0.231	0.246	0.225	8.33
60)	T	Dibromochlorom...	0.374	0.396	0.398	0.397	0.382	0.393	0.390	2.51
61)	T	1,2-Dibromoethane	0.297	0.322	0.323	0.321	0.308	0.316	0.314	3.19
62)	S	4-Bromofluorob...	0.477	0.499	0.473	0.509	0.497	0.497	0.492	2.80
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.597	0.565	0.536	0.546	0.496	0.492	0.539	7.55
65)	PM	Chlorobenzene	1.239	1.212	1.205	1.235	1.120	1.119	1.188	4.61
66)	T	1,1,1,2-Tetrac...	0.445	0.444	0.436	0.446	0.410	0.413	0.432	3.85
67)	C	Ethyl Benzene	2.225	2.111	2.164	2.216	2.021	2.020	2.126	4.29#
68)	T	m/p-Xylenes	0.822	0.810	0.821	0.846	0.766	0.758	0.804	4.28
69)	T	o-Xylene	0.741	0.774	0.778	0.791	0.722	0.721	0.754	4.05
70)	T	Styrene	1.218	1.239	1.309	1.347	1.249	1.250	1.269	3.86
71)	P	Bromoform	0.248	0.268	0.268	0.272	0.271	0.281	0.268	3.99
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.984	3.962	4.073	4.221	3.923	3.927	4.015	2.86
74)	T	N-amyl acetate	1.042	1.205	1.217	1.188	1.251	1.318	1.203	7.59
75)	P	1,1,2,2-Tetrac...	0.679	0.766	0.746	0.710	0.735	0.777	0.735	4.95
76)	T	1,2,3-Trichlor...	0.586	0.625	0.496	0.600	0.605	0.641	0.592	8.59
77)	T	Bromobenzene	0.988	0.990	1.000	0.994	0.940	0.951	0.977	2.58
78)	T	n-propylbenzene	4.896	4.942	4.880	5.020	4.646	4.633	4.836	3.31
79)	T	2-Chlorotoluene	2.661	2.655	2.743	2.775	2.573	2.609	2.669	2.90
80)	T	1,3,5-Trimethy...	3.244	3.321	3.362	3.470	3.184	3.192	3.296	3.37
81)	T	trans-1,4-Dich...	0.277	0.319	0.320	0.302	0.320	0.339	0.313	6.68
82)	T	4-Chlorotoluene	2.824	2.875	2.870	2.935	2.724	2.742	2.828	2.90
83)	T	tert-Butylbenzene	2.830	2.865	2.896	2.988	2.734	2.722	2.839	3.55
84)	T	1,2,4-Trimethy...	3.261	3.388	3.393	3.465	3.174	3.168	3.308	3.78
85)	T	sec-Butylbenzene	4.117	4.110	4.150	4.244	3.865	3.818	4.051	4.18
86)	T	p-Isopropyltol...	3.666	3.692	3.728	3.814	3.479	3.437	3.636	4.05
87)	T	1,3-Dichlorobe...	1.950	1.940	1.885	1.902	1.728	1.725	1.855	5.51
88)	T	1,4-Dichlorobe...	1.958	1.943	1.888	1.915	1.742	1.740	1.864	5.28
89)	T	n-Butylbenzene	3.540	3.475	3.538	3.696	3.369	3.317	3.489	3.89
90)	T	Hexachloroethane	0.664	0.660	0.669	0.712	0.655	0.657	0.670	3.19
91)	T	1,2-Dichlorobe...	1.740	1.741	1.702	1.733	1.595	1.613	1.687	3.93
92)	T	1,2-Dibromo-3-...	0.130	0.144	0.129	0.124	0.133	0.146	0.134	6.56
93)	T	1,2,4-Trichlor...	1.153	1.114	1.132	1.151	1.078	1.092	1.120	2.75
94)	T	Hexachlorobuta...	0.693	0.635	0.641	0.637	0.572	0.573	0.625	7.39
95)	T	Naphthalene	1.923	2.156	2.178	2.212	2.268	2.427	2.194	7.50
96)	T	1,2,3-Trichlor...	0.968	0.992	0.978	0.977	0.943	0.974	0.972	1.69

(#) = Out of Range