

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y091421S.M
 Title : SW846 8260
 Last Update : Wed Sep 15 04:51:35 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY005997.D 10 =VY005998.D 20 =VY005999.D 50 =VY006000.D 100 =VY006001.D 150 =VY006002.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.540	0.506	0.545	0.497	0.558	0.524	0.528	4.45
3) P	Chloromethane	0.680	0.613	0.646	0.624	0.660	0.717	0.657	5.77
4) C	Vinyl Chloride	0.775	0.715	0.746	0.710	0.727	0.776	0.742	3.95#
5) T	Bromomethane	0.525	0.490	0.510	0.447	0.464	0.450	0.481	6.78
6) T	Chloroethane	0.450	0.431	0.463	0.436	0.455	0.433	0.445	2.90
7) T	Trichlorofluor...	1.001	0.932	1.005	0.951	0.979	0.932	0.967	3.40
8) T	Diethyl Ether	0.318	0.297	0.314	0.325	0.341	0.311	0.318	4.67
9) T	1,1,2-Trichlor...	0.509	0.463	0.489	0.470	0.491	0.474	0.483	3.54
10) T	Methyl Iodide	0.448	0.443	0.494	0.526	0.588	0.568	0.511	11.84
11) T	Tert butyl alc...	0.262	0.218	0.119	0.100	0.085	0.069	0.142	55.39
12) CM	1,1-Dichloroet...	0.540	0.468	0.507	0.484	0.507	0.489	0.499	4.97#
13) T	Acrolein	0.039	0.043	0.042	0.044	0.044	0.038	0.042	6.16
14) T	Allyl chloride	1.094	1.007	1.077	1.055	1.103	1.058	1.066	3.25
15) T	Acrylonitrile	0.167	0.178	0.174	0.193	0.202	0.172	0.181	7.53
16) T	Acetone	0.207	0.190	0.169	0.204	0.205	0.168	0.190	9.37
17) T	Carbon Disulfide	1.726	1.613	1.731	1.644	1.682	1.607	1.667	3.27
18) T	Methyl Acetate	0.516	0.472	0.439	0.495	0.518	0.440	0.480	7.40
19) T	Methyl tert-bu...	1.512	1.541	1.587	1.672	1.755	1.590	1.609	5.57
20) T	Methylene Chlo...	1.052	0.801	0.658	0.593	0.587	0.549	0.707	27.02
21) T	trans-1,2-Dich...	0.582	0.528	0.560	0.556	0.577	0.557	0.560	3.40
22) T	Diisopropyl ether	2.095	1.970	2.068	2.095	2.152	2.045	2.071	2.95
23) T	Vinyl Acetate	1.193	1.256	1.282	1.377	1.437	1.294	1.307	6.67
24) P	1,1-Dichloroet...	1.113	1.006	1.062	1.050	1.088	1.046	1.061	3.47
25) T	2-Butanone	0.253	0.258	0.233	0.283	0.301	0.248	0.263	9.39
26) T	2,2-Dichloropr...	1.091	0.988	0.998	0.973	1.014	0.967	1.005	4.50
27) T	cis-1,2-Dichlo...	0.619	0.586	0.622	0.633	0.658	0.630	0.625	3.78
28) T	Bromochloromet...	0.459	0.412	0.436	0.507	0.508	0.474	0.466	8.29
29) T	Tetrahydrofuran	0.151	0.163	0.153	0.179	0.188	0.156	0.165	9.12
30) C	Chloroform	1.091	1.023	1.061	1.059	1.101	1.048	1.064	2.68#
31) T	Cyclohexane	1.296	1.087	1.118	1.053	1.079	1.042	1.113	8.41
32) T	1,1,1-Trichlor...	1.019	0.938	1.016	0.995	1.030	0.994	0.999	3.32
33) S	1,2-Dichloroet...	0.701	0.679	0.696	0.695	0.708	0.688	0.695	1.45
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.318	0.287	0.308	0.308	0.317	0.326	0.311	4.38
36) T	1,1-Dichloropr...	0.548	0.502	0.538	0.541	0.557	0.552	0.540	3.65
37) T	Ethyl Acetate	0.364	0.383	0.355	0.390	0.397	0.348	0.373	5.38
38) T	Carbon Tetrach...	0.584	0.555	0.598	0.587	0.606	0.595	0.588	3.01
39) T	Methylcyclohexane	0.684	0.607	0.657	0.677	0.694	0.694	0.669	4.96
40) TM	Benzene	1.567	1.456	1.526	1.558	1.602	1.577	1.548	3.32
41) T	Methacrylonitrile	0.206	0.213	0.183	0.242	0.251	0.211	0.218	11.44
42) TM	1,2-Dichloroet...	0.532	0.533	0.535	0.565	0.579	0.539	0.547	3.65
43) T	Isopropyl Acetate	0.638	0.672	0.645	0.740	0.778	0.693	0.694	7.92
44) TM	Trichloroethene	0.380	0.364	0.393	0.390	0.396	0.389	0.386	3.03
45) C	1,2-Dichloropr...	0.388	0.368	0.380	0.384	0.391	0.387	0.383	2.19#
46) T	Dibromomethane	0.206	0.198	0.196	0.216	0.219	0.208	0.207	4.48
47) T	Bromodichlorom...	0.512	0.514	0.521	0.545	0.563	0.546	0.533	3.91
48) T	Methyl methacr...	0.276	0.311	0.301	0.346	0.364	0.328	0.321	9.91
49) T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.003	0.003	0.003	10.86
50) S	Toluene-d8	1.322	1.220	1.305	1.330	1.351	1.413	1.324	4.76
51) T	4-Methyl-2-Pen...	0.334	0.371	0.339	0.400	0.421	0.358	0.370	9.26
52) CM	Toluene	0.937	0.889	0.937	0.961	1.002	0.995	0.954	4.39#
53) T	t-1,3-Dichloro...	0.538	0.555	0.565	0.609	0.639	0.609	0.586	6.63
54) T	cis-1,3-Dichlo...	0.618	0.596	0.621	0.643	0.668	0.646	0.632	4.03
55) T	1,1,2-Trichlor...	0.273	0.272	0.271	0.299	0.305	0.289	0.285	5.23
56) T	Ethyl methacry...	0.394	0.450	0.419	0.489	0.511	0.469	0.455	9.65

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57)	T	1,3-Dichloropr...	0.500	0.516	0.501	0.544	0.560	0.528	0.525	4.59
58)	T	2-Chloroethyl ...	0.222	0.235	0.233	0.248	0.258	0.234	0.238	5.35
59)	T	2-Hexanone	0.215	0.253	0.229	0.284	0.302	0.251	0.256	12.73
60)	T	Dibromochlorom...	0.322	0.335	0.344	0.364	0.382	0.359	0.351	6.21
61)	T	1,2-Dibromoethane	0.256	0.260	0.253	0.283	0.291	0.272	0.269	5.69
62)	S	4-Bromofluorob...	0.453	0.430	0.443	0.442	0.458	0.470	0.449	3.12
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.434	0.400	0.408	0.399	0.417	0.396	0.409	3.53
65)	PM	Chlorobenzene	1.094	1.020	1.070	1.050	1.119	1.067	1.070	3.20
66)	T	1,1,1,2-Tetrac...	0.404	0.373	0.389	0.395	0.426	0.405	0.399	4.45
67)	C	Ethyl Benzene	2.001	1.881	2.009	2.007	2.175	2.129	2.034	5.16#
68)	T	m/p-Xylenes	0.764	0.716	0.761	0.765	0.823	0.798	0.771	4.74
69)	T	o-Xylene	0.700	0.684	0.728	0.724	0.783	0.751	0.728	4.87
70)	T	Styrene	1.196	1.150	1.227	1.263	1.354	1.296	1.248	5.83
71)	P	Bromoform	0.230	0.247	0.234	0.257	0.281	0.248	0.250	7.35
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	4.313	3.543	3.697	3.782	4.083	4.073	3.915	7.36
74)	T	N-amyl acetate	1.319	1.290	1.218	1.387	1.537	1.361	1.352	7.98
75)	P	1,1,2,2-Tetrac...	0.775	0.683	0.671	0.729	0.791	0.721	0.728	6.57
76)	T	1,2,3-Trichlor...	0.588	0.591	0.466	0.500	0.537	0.517	0.533	9.31
77)	T	Bromobenzene	0.970	0.869	0.866	0.887	0.952	0.937	0.914	4.93
78)	T	n-propylbenzene	5.384	4.379	4.616	4.677	5.016	4.993	4.844	7.38
79)	T	2-Chlorotoluene	2.630	2.462	2.601	2.580	2.778	2.752	2.634	4.43
80)	T	1,3,5-Trimethy...	3.218	3.053	3.189	3.196	3.422	3.405	3.247	4.36
81)	T	trans-1,4-Dich...	0.315	0.268	0.260	0.294	0.320	0.283	0.290	8.47
82)	T	4-Chlorotoluene	2.751	2.583	2.621	2.639	2.908	2.833	2.723	4.77
83)	T	tert-Butylbenzene	2.841	2.539	2.706	2.755	2.927	2.895	2.777	5.17
84)	T	1,2,4-Trimethy...	3.131	2.995	3.159	3.188	3.438	3.419	3.222	5.39
85)	T	sec-Butylbenzene	4.140	3.881	4.102	4.118	4.360	4.343	4.158	4.26
86)	T	p-Isopropyltol...	3.494	3.275	3.483	3.503	3.789	3.751	3.549	5.39
87)	T	1,3-Dichlorobe...	1.722	1.653	1.706	1.751	1.884	1.856	1.762	5.10
88)	T	1,4-Dichlorobe...	1.871	1.678	1.726	1.711	1.829	1.788	1.767	4.21
89)	T	n-Butylbenzene	3.247	3.104	3.243	3.282	3.533	3.506	3.319	5.04
90)	T	Hexachloroethane	0.646	0.594	0.623	0.623	0.672	0.675	0.639	4.94
91)	T	1,2-Dichlorobe...	1.516	1.479	1.518	1.524	1.648	1.595	1.547	4.03
92)	T	1,2-Dibromo-3-...	0.138	0.145	0.133	0.145	0.164	0.143	0.145	7.31
93)	T	1,2,4-Trichlor...	0.945	0.933	0.964	0.989	1.114	1.081	1.004	7.48
94)	T	Hexachlorobuta...	0.664	0.620	0.648	0.627	0.674	0.666	0.650	3.43
95)	T	Naphthalene	1.681	1.861	1.803	2.069	2.401	2.171	1.998	13.32
96)	T	1,2,3-Trichlor...	0.805	0.824	0.815	0.866	0.976	0.937	0.870	8.15

(#) = Out of Range