

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y051222S.M
 Title : SW846 8260
 Last Update : Fri May 13 02:08:33 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY008734.D 10 =VY008735.D 20 =VY008736.D 50 =VY008737.D 100 =VY008738.D 150 =VY008739.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.521	0.494	0.489	0.352	0.334	0.307	0.416	22.84
3) P	Chloromethane	1.011	0.908	0.916	0.717	0.628	0.528	0.784	24.09
4) C	Vinyl Chloride	1.247	1.202	1.229	0.992	0.879	0.753	1.050	19.72#
5) T	Bromomethane	1.492	1.289	1.192	0.873	0.752	0.636	1.039	32.31
6) T	Chloroethane	0.844	0.822	0.833	0.681	0.628	0.535	0.724	17.75
7) T	Trichlorofluor...	0.971	0.968	0.973	0.812	0.776	0.695	0.866	13.95
8) T	Diethyl Ether	0.299	0.296	0.296	0.250	0.242	0.219	0.267	12.80
9) T	1,1,2-Trichlor...	0.584	0.549	0.564	0.487	0.467	0.425	0.513	12.18
10) T	Methyl Iodide	0.368	0.379	0.500	0.507	0.533	0.488	0.462	15.29
11) T	Tert butyl alc...	0.275	0.186	0.078	0.053	0.057	0.047	0.116	80.88
12) CM	1,1-Dichloroet...	0.536	0.510	0.523	0.440	0.422	0.385	0.469	13.22#
13) T	Acrolein	0.038	0.034	0.044	0.023	0.029	0.023	0.032	26.10
14) T	Allyl chloride	0.759	0.694	0.698	0.622	0.631	0.575	0.663	9.95
15) T	Acrylonitrile	0.155	0.142	0.145	0.121	0.133	0.122	0.136	9.84
16) T	Acetone	0.148	0.118	0.116	0.099	0.095	0.080	0.109	21.65
17) T	Carbon Disulfide	1.543	1.445	1.540	1.217	1.180	1.088	1.336	14.83
18) T	Methyl Acetate	0.654	0.611	0.377	0.276	0.293	0.261	0.412	42.75
19) T	Methyl tert-bu...	1.492	1.419	1.485	1.299	1.369	1.286	1.392	6.40
20) T	Methylene Chlo...	1.364	0.912	0.872	0.561	0.522	0.474	0.784	43.25
21) T	trans-1,2-Dich...	0.621	0.600	0.617	0.529	0.547	0.517	0.572	8.07
22) T	Diisopropyl ether	1.600	1.595	1.669	1.484	1.548	1.381	1.546	6.57
23) T	Vinyl Acetate	0.737	0.813	1.050	0.963	1.051	0.916	0.922	13.79
24) P	1,1-Dichloroet...	1.088	1.005	1.045	0.931	0.940	0.858	0.978	8.59
25) T	2-Butanone	0.202	0.186	0.187	0.160	0.175	0.151	0.177	10.67
26) T	2,2-Dichloropr...	1.000	0.968	0.986	0.902	0.891	0.829	0.929	7.12
27) T	cis-1,2-Dichlo...	0.672	0.663	0.696	0.632	0.637	0.609	0.652	4.82
28) T	Bromochloromet...	0.453	0.458	0.395	0.358	0.360	0.318	0.390	14.37
29) T	Tetrahydrofuran	0.127	0.120	0.118	0.103	0.115	0.101	0.114	8.89
30) C	Chloroform	1.128	1.092	1.109	1.003	1.000	0.921	1.042	7.69#
31) T	Cyclohexane	1.139	0.968	0.967	0.817	0.797	0.736	0.904	16.43
32) T	1,1,1-Trichlor...	1.014	0.970	0.994	0.909	0.919	0.851	0.943	6.44
33) S	1,2-Dichloroet...		0.587	0.501	0.470	0.501	0.431	0.498	11.50
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.327	0.314	0.278	0.298	0.283	0.300	6.90
36) T	1,1-Dichloropr...	0.502	0.486	0.524	0.454	0.467	0.446	0.480	6.20
37) T	Ethyl Acetate	0.278	0.259	0.260	0.207	0.233	0.219	0.243	11.23
38) T	Carbon Tetrach...	0.514	0.504	0.541	0.485	0.501	0.493	0.506	3.89
39) T	Methylcyclohexane	0.615	0.599	0.655	0.582	0.616	0.592	0.610	4.22
40) TM	Benzene	1.463	1.408	1.475	1.314	1.393	1.313	1.394	5.00
41) T	Methacrylonitrile	0.128	0.131	0.117	0.117	0.111	0.103	0.118	8.79
42) TM	1,2-Dichloroet...	0.427	0.409	0.432	0.366	0.381	0.352	0.395	8.36
43) T	Isopropyl Acetate	0.478	0.473	0.490	0.419	0.466	0.418	0.458	6.79
44) TM	Trichloroethene	0.378	0.380	0.396	0.358	0.367	0.355	0.372	4.10
45) C	1,2-Dichloropr...	0.350	0.339	0.361	0.321	0.335	0.314	0.337	5.20#
46) T	Dibromomethane	0.227	0.220	0.222	0.199	0.212	0.202	0.214	5.37
47) T	Bromodichlorom...	0.529	0.500	0.524	0.468	0.488	0.461	0.495	5.71
48) T	Methyl methacr...	0.203	0.207	0.203	0.178	0.199	0.186	0.196	5.81
49) T	1,4-Dioxane	0.003	0.003	0.003	0.002	0.003	0.003	0.003	7.21
50) S	Toluene-d8		1.268	1.064	1.050	1.199	1.078	1.132	8.53
51) T	4-Methyl-2-Pen...	0.262	0.252	0.261	0.222	0.253	0.222	0.245	7.54
52) CM	Toluene	0.923	0.901	0.970	0.903	0.972	0.898	0.928	3.71#
53) T	t-1,3-Dichloro...	0.516	0.496	0.538	0.487	0.531	0.494	0.510	4.17
54) T	cis-1,3-Dichlo...	0.612	0.560	0.609	0.537	0.566	0.537	0.570	5.85
55) T	1,1,2-Trichlor...	0.290	0.291	0.311	0.275	0.308	0.283	0.293	4.71
56) T	Ethyl methacry...	0.355	0.355	0.391	0.360	0.420	0.381	0.377	6.79

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57)	T	1,3-Dichloropr...	0.498	0.484	0.512	0.455	0.484	0.450	0.481	5.01
58)	T	2-Chloroethyl ...	0.200	0.196	0.196	0.186	0.212	0.195	0.197	4.25
59)	T	2-Hexanone	0.172	0.164	0.178	0.153	0.174	0.151	0.165	6.84
60)	T	Dibromochlorom...	0.350	0.341	0.354	0.334	0.375	0.349	0.350	3.97
61)	T	1,2-Dibromoethane	0.283	0.284	0.297	0.257	0.296	0.274	0.282	5.27
62)	S	4-Bromofluorob...	0.396	0.386	0.373	0.422	0.384	0.392		4.75
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.410	0.405	0.390	0.347	0.356	0.345	0.375	7.95
65)	PM	Chlorobenzene	1.077	1.072	1.112	1.024	1.069	1.026	1.063	3.16
66)	T	1,1,1,2-Tetrac...	0.387	0.377	0.400	0.388	0.411	0.406	0.395	3.34
67)	C	Ethyl Benzene	1.857	1.832	1.973	1.920	1.972	1.902	1.909	3.04#
68)	T	m/p-Xylenes	0.722	0.709	0.786	0.779	0.796	0.775	0.761	4.77
69)	T	o-Xylene	0.678	0.669	0.740	0.724	0.751	0.734	0.716	4.78
70)	T	Styrene	1.067	1.081	1.195	1.263	1.290	1.255	1.192	8.10
71)	P	Bromoform	0.220	0.221	0.225	0.224	0.256	0.248	0.232	6.65
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.883	3.808	4.034	3.632	3.674	3.663	3.782	4.15
74)	T	N-amyl acetate	0.943	0.924	0.975	0.807	0.822	0.776	0.874	9.46
75)	P	1,1,2,2-Tetrac...	0.914	0.825	0.844	0.666	0.720	0.693	0.777	12.60
76)	T	1,2,3-Trichlor...	0.545	0.446	0.570	0.478	0.503	0.477	0.503	9.21
77)	T	Bromobenzene	0.934	0.885	0.902	0.776	0.818	0.823	0.856	7.01
78)	T	n-propylbenzene	4.754	4.685	4.974	4.397	4.372	4.305	4.581	5.76
79)	T	2-Chlorotoluene	2.606	2.485	2.673	2.353	2.361	2.321	2.467	5.94
80)	T	1,3,5-Trimethy...	3.051	3.090	3.317	3.051	3.017	2.981	3.084	3.88
81)	T	trans-1,4-Dich...	0.280	0.269	0.276	0.237	0.255	0.246	0.260	6.65
82)	T	4-Chlorotoluene	2.732	2.616	2.774	2.552	2.483	2.425	2.597	5.29
83)	T	tert-Butylbenzene	2.741	2.747	2.891	2.676	2.702	2.685	2.740	2.90
84)	T	1,2,4-Trimethy...	3.007	2.994	3.344	3.069	3.006	2.972	3.065	4.58
85)	T	sec-Butylbenzene	4.164	4.130	4.422	4.182	4.060	3.989	4.158	3.56
86)	T	p-Isopropyltol...	3.283	3.365	3.679	3.509	3.495	3.491	3.470	3.92
87)	T	1,3-Dichlorobe...	1.864	1.739	1.829	1.731	1.757	1.755	1.779	3.04
88)	T	1,4-Dichlorobe...	1.889	1.751	1.833	1.676	1.677	1.651	1.746	5.54
89)	T	n-Butylbenzene	3.342	3.244	3.471	3.242	3.113	3.061	3.246	4.61
90)	T	Hexachloroethane	0.635	0.670	0.675	0.622	0.621	0.618	0.640	4.04
91)	T	1,2-Dichlorobe...	1.646	1.548	1.619	1.466	1.488	1.479	1.541	4.99
92)	T	1,2-Dibromo-3-...	0.136	0.131	0.121	0.095	0.107	0.103	0.115	14.10
93)	T	1,2,4-Trichlor...	0.942	0.873	0.885	0.763	0.826	0.845	0.856	7.03
94)	T	Hexachlorobuta...	0.475	0.480	0.489	0.409	0.417	0.433	0.451	7.80
95)	T	Naphthalene	2.061	1.798	1.896	1.561	1.829	1.829	1.829	8.86
96)	T	1,2,3-Trichlor...	0.880	0.786	0.772	0.657	0.723	0.728	0.758	9.91

(#) = Out of Range