

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y060822S.M
 Title : SW846 8260
 Last Update : Thu Jun 09 10:00:49 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY009175.D 10 =VY009176.D 20 =VY009177.D 50 =VY009178.D 100 =VY009179.D 150 =VY009180.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.456	0.498	0.423	0.408	0.386	0.359	0.422	11.78
3) P	Chloromethane	0.903	1.006	0.841	0.842	0.701	0.593	0.814	18.05
4) C	Vinyl Chloride	1.315	1.444	1.311	1.300	1.166	1.013	1.258	11.83#
5) T	Bromomethane	1.321	1.324	1.328	1.065	1.128	1.104	1.212	10.34
6) T	Chloroethane	0.957	0.995	0.941	0.923	0.850	0.758	0.904	9.52
7) T	Trichlorofluor...	0.948	0.945	0.911	0.895	0.859	0.774	0.889	7.35
8) T	Diethyl Ether	0.265	0.287	0.247	0.270	0.262	0.241	0.262	6.29
9) T	1,1,2-Trichlor...	0.516	0.509	0.497	0.498	0.474	0.434	0.488	6.12
10) T	Methyl Iodide	0.337	0.416	0.456	0.557	0.561	0.522	0.475	18.72
11) T	Tert butyl alc...	0.064	0.053	0.050	0.055	0.050	0.046	0.053	11.58
12) CM	1,1-Dichloroet...	0.453	0.466	0.443	0.462	0.445	0.411	0.447	4.42#
13) T	Acrolein	0.015	0.030	0.027	0.025	0.023	0.021	0.024	22.47
14) T	Allyl chloride	0.663	0.631	0.628	0.691	0.675	0.649	0.656	3.77
15) T	Acrylonitrile	0.142	0.146	0.131	0.152	0.140	0.138	0.141	4.94
16) T	Acetone	0.128	0.112	0.100	0.112	0.099	0.089	0.107	12.50
17) T	Carbon Disulfide	1.343	1.511	1.428	1.498	1.400	1.298	1.413	5.95
18) T	Methyl Acetate	0.672	0.330	0.308	0.331	0.307	0.293	0.373	39.31
19) T	Methyl tert-bu...	1.236	1.363	1.293	1.494	1.460	1.457	1.384	7.50
20) T	Methylene Chlo...	1.130	0.946	0.651	0.592	0.538	0.500	0.726	34.92
21) T	trans-1,2-Dich...	0.550	0.570	0.543	0.583	0.572	0.570	0.564	2.68
22) T	Diisopropyl ether	1.325	1.570	1.509	1.718	1.901	1.957	1.663	14.54
23) T	Vinyl Acetate	0.685	1.044	1.000	1.204	1.288	1.302	1.087	21.41
24) P	1,1-Dichloroet...	0.933	0.992	0.910	0.999	0.980	0.965	0.963	3.64
25) T	2-Butanone	0.190	0.182	0.170	0.202	0.194	0.183	0.187	5.92
26) T	2,2-Dichloropr...	1.013	0.904	0.873	0.913	0.894	0.868	0.911	5.83
27) T	cis-1,2-Dichlo...	0.618	0.652	0.601	0.664	0.656	0.649	0.640	3.89
28) T	Bromochloromet...	0.467	0.460	0.403	0.457	0.459	0.431	0.446	5.48
29) T	Tetrahydrofuran	0.114	0.118	0.114	0.138	0.137	0.131	0.125	9.08
30) C	Chloroform	1.022	1.088	0.988	1.076	1.059	1.027	1.043	3.60#
31) T	Cyclohexane	1.015	0.954	0.860	0.947	0.923	0.886	0.931	5.86
32) T	1,1,1-Trichlor...	0.899	0.930	0.883	0.976	0.957	0.941	0.931	3.73
33) S	1,2-Dichloroet...	0.500	0.573	0.536	0.400	0.412	0.379	0.467	17.27
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.280	0.306	0.299	0.263	0.269	0.258	0.279	7.09
36) T	1,1-Dichloropr...	0.464	0.493	0.479	0.539	0.525	0.512	0.502	5.68
37) T	Ethyl Acetate	0.235	0.271	0.247	0.295	0.274	0.273	0.266	8.04
38) T	Carbon Tetrach...	0.502	0.519	0.492	0.559	0.547	0.548	0.528	5.19
39) T	Methylcyclohexane	0.495	0.574	0.584	0.697	0.694	0.683	0.621	13.36
40) TM	Benzene	1.366	1.400	1.365	1.535	1.535	1.479	1.447	5.55
41) T	Methacrylonitrile	0.142	0.155	0.146	0.174	0.168	0.169	0.159	8.39
42) TM	1,2-Dichloroet...	0.429	0.451	0.410	0.470	0.462	0.438	0.443	4.97
43) T	Isopropyl Acetate	0.458	0.490	0.468	0.572	0.570	0.535	0.516	9.79
44) TM	Trichloroethene	0.363	0.381	0.369	0.400	0.388	0.380	0.380	3.54
45) C	1,2-Dichloropr...	0.333	0.348	0.318	0.387	0.373	0.359	0.353	7.17#
46) T	Dibromomethane	0.213	0.232	0.214	0.242	0.241	0.237	0.230	5.72
47) T	Bromodichlorom...	0.486	0.520	0.481	0.558	0.547	0.524	0.519	6.01
48) T	Methyl methacr...	0.188	0.220	0.200	0.254	0.260	0.242	0.227	12.99
49) T	1,4-Dioxane	0.003	0.003	0.003	0.004	0.003	0.003	0.003	11.69
50) S	Toluene-d8	0.974	1.177	1.176	0.842	0.936	0.901	1.001	14.27
51) T	4-Methyl-2-Pen...	0.242	0.266	0.250	0.326	0.330	0.313	0.288	13.83
52) CM	Toluene	0.814	0.915	0.883	0.928	1.183	1.180	0.984	16.10#
53) T	t-1,3-Dichloro...	0.451	0.511	0.503	0.607	0.626	0.621	0.553	13.45
54) T	cis-1,3-Dichlo...	0.543	0.576	0.542	0.633	0.644	0.636	0.596	7.99
55) T	1,1,2-Trichlor...	0.273	0.287	0.280	0.340	0.338	0.341	0.310	10.70
56) T	Ethyl methacry...	0.286	0.338	0.333	0.460	0.502	0.500	0.403	23.56

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57)	T	1,3-Dichloropr...	0.460	0.483	0.466	0.556	0.555	0.541	0.510	8.89
58)	T	2-Chloroethyl ...	0.140	0.192	0.192	0.234	0.249	0.237	0.207	19.77
59)	T	2-Hexanone	0.155	0.167	0.169	0.231	0.230	0.217	0.195	17.86
60)	T	Dibromochlorom...	0.329	0.354	0.330	0.405	0.436	0.437	0.382	13.23
61)	T	1,2-Dibromoethane	0.264	0.292	0.271	0.331	0.342	0.335	0.306	11.31
62)	S	4-Bromofluorob...	0.327	0.382	0.369	0.381	0.516	0.512	0.415	19.19
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.363	0.493	0.341	0.363	0.354	0.342	0.376	15.45
65)	PM	Chlorobenzene	0.984	1.046	1.008	1.141	1.166	1.127	1.079	7.05
66)	T	1,1,1,2-Tetrac...	0.369	0.366	0.362	0.436	0.445	0.432	0.402	9.92
67)	C	Ethyl Benzene	1.621	1.693	1.783	2.176	2.219	2.148	1.940	13.90#
68)	T	m/p-Xylenes	0.627	0.672	0.709	0.919	0.947	0.911	0.798	17.96
69)	T	o-Xylene	0.560	0.622	0.651	0.846	0.905	0.937	0.754	21.44
70)	T	Styrene	0.925	1.141	1.092	1.500	1.690	1.842	1.365	26.82
71)	P	Bromoform	0.230	0.328	0.230	0.302	0.327	0.342	0.293	17.31
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.134	3.397	3.368	3.459	3.591	3.694	3.440	5.64
74)	T	N-amyl acetate	0.806	0.904	0.917	0.984	0.939	0.891	0.907	6.54
75)	P	1,1,2,2-Tetrac...	0.810	0.800	0.737	0.722	0.680	0.623	0.729	9.81
76)	T	1,2,3-Trichlor...	0.631	0.563	0.487	0.505	0.564	0.527	0.546	9.47
77)	T	Bromobenzene	0.850	0.818	0.804	0.770	0.777	0.733	0.792	5.16
78)	T	n-propylbenzene	4.037	4.234	4.219	4.456	4.361	4.041	4.225	3.98
79)	T	2-Chlorotoluene	2.200	2.295	2.236	2.383	2.362	2.222	2.283	3.35
80)	T	1,3,5-Trimethy...	2.620	2.784	2.821	3.106	3.104	3.047	2.914	6.90
81)	T	trans-1,4-Dich...	0.244	0.259	0.240	0.257	0.257	0.250	0.251	3.13
82)	T	4-Chlorotoluene	2.307	2.426	2.381	2.648	2.700	2.666	2.521	6.73
83)	T	tert-Butylbenzene	2.308	2.484	2.480	2.751	2.737	2.695	2.576	6.95
84)	T	1,2,4-Trimethy...	2.485	2.822	2.782	3.179	3.107	3.059	2.906	8.94
85)	T	sec-Butylbenzene	3.560	3.900	3.870	4.334	4.234	4.062	3.993	7.00
86)	T	p-Isopropyltol...	2.932	3.070	3.198	3.745	3.849	3.886	3.447	12.39
87)	T	1,3-Dichlorobe...	1.698	1.706	1.663	1.867	1.870	1.953	1.793	6.64
88)	T	1,4-Dichlorobe...	1.791	1.747	1.660	1.831	1.786	1.752	1.761	3.31
89)	T	n-Butylbenzene	2.821	2.936	3.116	3.429	3.298	3.178	3.130	7.20
90)	T	Hexachloroethane	0.648	0.672	0.606	0.654	0.586	0.546	0.619	7.72
91)	T	1,2-Dichlorobe...	1.420	1.514	1.523	1.640	1.671	1.660	1.571	6.42
92)	T	1,2-Dibromo-3-...	0.112	0.119	0.106	0.115	0.099	0.092	0.107	9.63
93)	T	1,2,4-Trichlor...	0.838	0.864	0.814	0.831	0.792	0.784	0.821	3.64
94)	T	Hexachlorobuta...	0.531	0.521	0.468	0.436	0.411	0.396	0.461	12.17
95)	T	Naphthalene	1.427	1.679	1.660	1.779	1.650	1.634	1.638	7.07
96)	T	1,2,3-Trichlor...	0.744	0.764	0.719	0.729	0.685	0.684	0.721	4.42

(#) = Out of Range