

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y062422S.M
 Title : SW846 8260
 Last Update : Sat Jun 25 07:08:46 2022
 Response Via : Initial Calibration

Calibration Files

5 =VY009307.D 10 =VY009308.D 20 =VY009309.D 50 =VY009310.D 100 =VY009313.D 150 =VY009312.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.431	0.478	0.435	0.359	0.354	0.419	0.413	11.66
3) P	Chloromethane	0.537	0.540	0.527	0.439	0.440	0.425	0.485	11.39
4) C	Vinyl Chloride	0.587	0.596	0.556	0.473	0.472	0.445	0.522	12.63#
5) T	Bromomethane	0.374	0.353	0.346	0.283	0.321	0.341	0.336	9.22
6) T	Chloroethane	0.271	0.288	0.270	0.243	0.247	0.266	0.264	6.36
7) T	Trichlorofluor...	0.734	0.735	0.691	0.603	0.594	0.626	0.664	9.71
8) T	Diethyl Ether	0.263	0.278	0.193	0.257	0.264	0.292	0.258	13.25
9) T	1,1,2-Trichlor...	0.494	0.506	0.467	0.440	0.448	0.492	0.474	5.70
10) T	Methyl Iodide	0.583	0.653	0.640	0.622	0.603	0.679	0.630	5.50
11) T	Tert butyl alc...	0.223	0.120	0.105	0.062	0.057	0.056	0.104	62.08
12) CM	1,1-Dichloroet...	0.469	0.489	0.470	0.440	0.442	0.489	0.466	4.65#
13) T	Acrolein	0.046	0.044	0.046	0.046	0.046	0.049	0.046	3.71
14) T	Allyl chloride	0.870	0.839	0.822	0.798	0.813	0.770	0.819	4.19
15) T	Acrylonitrile	0.145	0.147	0.137	0.139	0.147	0.137	0.142	3.44
16) T	Acetone	0.142	0.129	0.114	0.124	0.146	0.112	0.128	11.12
17) T	Carbon Disulfide	1.558	1.592	1.539	1.433	1.439	1.550	1.518	4.37
18) T	Methyl Acetate	0.422	0.373	0.351	0.327	0.341	0.322	0.356	10.43
19) T	Methyl tert-bu...	1.268	1.348	1.276	1.296	1.339	1.333	1.310	2.61
20) T	Methylene Chlo...	0.922	0.790	0.610	0.533	0.515	0.533	0.651	25.80
21) T	trans-1,2-Dich...	0.554	0.559	0.571	0.545	0.540	0.532	0.550	2.57
22) T	Diisopropyl ether	1.626	1.812	1.734	1.576	1.500	1.484	1.622	8.02
23) T	Vinyl Acetate	0.965	1.109	1.092	1.052	1.033	1.012	1.044	5.08
24) P	1,1-Dichloroet...	0.946	0.996	0.957	0.921	0.908	0.886	0.936	4.20
25) T	2-Butanone	0.208	0.200	0.188	0.185	0.201	0.170	0.192	7.21
26) T	2,2-Dichloropr...	0.980	0.933	0.871	0.800	0.820	0.802	0.868	8.63
27) T	cis-1,2-Dichlo...	0.606	0.630	0.612	0.582	0.597	0.591	0.603	2.83
28) T	Bromochloromet...	0.412	0.407	0.391	0.427	0.390	0.374	0.400	4.73
29) T	Tetrahydrofuran	0.126	0.129	0.127	0.122	0.122	0.115	0.123	4.16
30) C	Chloroform	0.973	0.988	0.951	0.912	0.921	0.918	0.944	3.40#
31) T	Cyclohexane	1.017	0.989	0.968	0.831	0.820	0.801	0.904	10.72
32) T	1,1,1-Trichlor...	0.829	0.858	0.847	0.805	0.818	0.844	0.833	2.37
33) S	1,2-Dichloroet...	0.500	0.531	0.514	0.365	0.350	0.357	0.436	19.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.284	0.295	0.298	0.254	0.246	0.242	0.270	9.43
36) T	1,1-Dichloropr...	0.466	0.465	0.461	0.445	0.441	0.440	0.453	2.73
37) T	Ethyl Acetate	0.256	0.284	0.257	0.252	0.255	0.240	0.257	5.61
38) T	Carbon Tetrach...	0.471	0.465	0.464	0.457	0.461	0.477	0.466	1.58
39) T	Methylcyclohexane	0.560	0.568	0.578	0.565	0.555	0.561	0.564	1.40
40) TM	Benzene	1.357	1.427	1.372	1.315	1.268	1.258	1.333	4.87
41) T	Methacrylonitrile	0.148	0.160	0.158	0.132	0.124	0.109	0.138	14.79
42) TM	1,2-Dichloroet...	0.363	0.386	0.390	0.368	0.365	0.378	0.375	3.01
43) T	Isopropyl Acetate	0.483	0.505	0.475	0.461	0.471	0.457	0.475	3.64
44) TM	Trichloroethene	0.385	0.399	0.365	0.365	0.359	0.364	0.373	4.15
45) C	1,2-Dichloropr...	0.326	0.351	0.342	0.324	0.312	0.307	0.327	5.22#
46) T	Dibromomethane	0.191	0.202	0.190	0.187	0.183	0.185	0.190	3.58
47) T	Bromodichlorom...	0.441	0.452	0.451	0.433	0.429	0.442	0.441	2.09
48) T	Methyl methacr...	0.208	0.218	0.220	0.202	0.213	0.206	0.211	3.31
49) T	1,4-Dioxane	0.003	0.003	0.002	0.003	0.003	0.003	0.003	2.81
50) S	Toluene-d8	1.167	1.188	1.194	0.769	0.720	0.722	0.960	25.51
51) T	4-Methyl-2-Pen...	0.238	0.260	0.248	0.233	0.233	0.229	0.240	4.83
52) CM	Toluene	0.838	0.873	0.870	0.806	0.773	0.794	0.826	4.99#
53) T	t-1,3-Dichloro...	0.466	0.472	0.474	0.459	0.462	0.468	0.467	1.27
54) T	cis-1,3-Dichlo...	0.526	0.544	0.552	0.526	0.518	0.525	0.532	2.45
55) T	1,1,2-Trichlor...	0.273	0.276	0.265	0.256	0.247	0.250	0.261	4.60
56) T	Ethyl methacry...	0.301	0.350	0.358	0.349	0.354	0.359	0.345	6.39

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57)	T	1,3-Dichloropr...	0.447	0.469	0.454	0.435	0.428	0.429	0.444	3.68
58)	T	2-Chloroethyl ...	0.168	0.169	0.179	0.191	0.187	0.178	0.179	5.27
59)	T	2-Hexanone	0.166	0.177	0.167	0.162	0.169	0.161	0.167	3.41
60)	T	Dibromochlorom...	0.298	0.330	0.328	0.314	0.313	0.316	0.316	3.68
61)	T	1,2-Dibromoethane	0.258	0.267	0.258	0.255	0.247	0.252	0.256	2.59
62)	S	4-Bromofluorob...	0.420	0.426	0.416	0.355	0.338	0.351	0.384	10.50
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.452	0.457	0.450	0.434	0.413	0.403	0.435	5.14
65)	PM	Chlorobenzene	1.013	1.036	1.005	0.981	0.955	0.962	0.992	3.19
66)	T	1,1,1,2-Tetrac...	0.344	0.373	0.358	0.355	0.348	0.355	0.355	2.82
67)	C	Ethyl Benzene	1.787	1.828	1.798	1.706	1.678	1.714	1.752	3.44#
68)	T	m/p-Xylenes	0.695	0.726	0.703	0.674	0.657	0.674	0.688	3.60
69)	T	o-Xylene	0.641	0.660	0.660	0.636	0.628	0.650	0.646	2.00
70)	T	Styrene	1.007	1.107	1.090	1.062	1.061	1.105	1.072	3.51
71)	P	Bromoform	0.204	0.220	0.216	0.217	0.228	0.232	0.219	4.63
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.346	3.540	3.546	3.416	3.342	3.494	3.447	2.68
74)	T	N-amyl acetate	0.883	0.964	0.917	0.890	0.927	0.975	0.926	4.04
75)	P	1,1,2,2-Tetrac...	0.634	0.686	0.672	0.638	0.628	0.640	0.650	3.64
76)	T	1,2,3-Trichlor...	0.592	0.502	0.469	0.446	0.458	0.444	0.485	11.57
77)	T	Bromobenzene	0.841	0.868	0.895	0.828	0.804	0.828	0.844	3.87
78)	T	n-propylbenzene	4.328	4.453	4.426	4.134	4.002	4.165	4.251	4.22
79)	T	2-Chlorotoluene	2.301	2.473	2.470	2.339	2.247	2.343	2.362	3.88
80)	T	1,3,5-Trimethy...	2.813	3.011	3.041	2.856	2.787	2.915	2.904	3.60
81)	T	trans-1,4-Dich...	0.244	0.235	0.255	0.237	0.247	0.253	0.245	3.36
82)	T	4-Chlorotoluene	2.448	2.594	2.562	2.387	2.337	2.439	2.461	4.04
83)	T	tert-Butylbenzene	2.487	2.622	2.629	2.492	2.437	2.569	2.539	3.12
84)	T	1,2,4-Trimethy...	2.726	3.020	3.002	2.809	2.757	2.864	2.863	4.33
85)	T	sec-Butylbenzene	3.677	3.983	3.953	3.675	3.602	3.710	3.767	4.26
86)	T	p-Isopropyltol...	3.023	3.244	3.213	3.054	3.029	3.133	3.116	3.08
87)	T	1,3-Dichlorobe...	1.635	1.713	1.685	1.589	1.540	1.592	1.626	3.99
88)	T	1,4-Dichlorobe...	1.658	1.744	1.701	1.588	1.537	1.614	1.640	4.63
89)	T	n-Butylbenzene	2.930	3.082	3.006	2.814	2.799	2.904	2.922	3.75
90)	T	Hexachloroethane	0.563	0.638	0.607	0.573	0.577	0.581	0.590	4.69
91)	T	1,2-Dichlorobe...	1.459	1.520	1.494	1.418	1.410	1.454	1.459	2.93
92)	T	1,2-Dibromo-3-...	0.108	0.112	0.116	0.109	0.111	0.117	0.112	3.37
93)	T	1,2,4-Trichlor...	0.816	0.899	0.886	0.859	0.887	0.920	0.878	4.13
94)	T	Hexachlorobuta...	0.502	0.521	0.482	0.471	0.471	0.462	0.485	4.57
95)	T	Naphthalene	1.538	1.648	1.679	1.785	1.898	1.997	1.757	9.66
96)	T	1,2,3-Trichlor...	0.742	0.743	0.757	0.752	0.766	0.804	0.760	3.04

(#) = Out of Range