

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091321W.M
 Title : SW846 8260
 Last Update : Mon Sep 13 12:27:19 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX024177.D 5 =VX024178.D 20 =VX024179.D 50 =VX024180.D 100 =VX024181.D 150 =VX024182.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.530	0.486	0.451	0.424	0.478	0.480	0.475	7.52
3) P	Chloromethane	0.625	0.525	0.441	0.417	0.459	0.458	0.487	15.66
4) C	Vinyl Chloride	0.543	0.483	0.440	0.426	0.476	0.492	0.477	8.71#
5) T	Bromomethane		0.323	0.309	0.241	0.254	0.250	0.276	13.73
6) T	Chloroethane	0.394	0.316	0.285	0.277	0.309		0.316	14.68
7) T	Trichlorofluor...	0.936	0.827	0.774	0.731	0.808	0.816	0.815	8.42
8) T	Diethyl Ether	0.327	0.282	0.269	0.252	0.281	0.290	0.284	8.81
9) T	1,1,2-Trichlor...	0.539	0.494	0.467	0.429	0.478	0.488	0.482	7.51
10) T	Methyl Iodide		0.548	0.593	0.621	0.692	0.650	0.621	8.79
11) T	Tert butyl alc...		0.208	0.149	0.149	0.157	0.139	0.160	17.04
12) CM	1,1-Dichloroet...	0.503	0.472	0.434	0.407	0.455	0.466	0.456	7.25#
13) T	Acrolein		0.060	0.058	0.057	0.060	0.054	0.058	4.20
14) T	Allyl chloride	0.900	0.806	0.775	0.749	0.837	0.843	0.818	6.62
15) T	Acrylonitrile	0.304	0.295	0.278	0.274	0.301	0.287	0.290	4.32
16) T	Acetone	0.401	0.312	0.304	0.273	0.288	0.262	0.307	16.27
17) T	Carbon Disulfide	1.282	1.093	0.961	0.932	1.076	1.114	1.076	11.60
18) T	Methyl Acetate	0.798	0.736	0.792	0.762	0.834	0.791	0.786	4.24
19) T	Methyl tert-bu...	1.768	1.672	1.632	1.565	1.755	1.800	1.699	5.33
20) T	Methylene Chlo...	0.899	0.595	0.504	0.475	0.533	0.532	0.590	26.58
21) T	trans-1,2-Dich...	0.540	0.503	0.446	0.437	0.488	0.499	0.486	7.96
22) T	Diisopropyl ether	1.666	1.634	1.573	1.492	1.694	1.716	1.629	5.13
23) T	Vinyl Acetate	1.326	1.284	1.239	1.213	1.356	1.343	1.293	4.50
24) P	1,1-Dichloroet...	0.985	0.935	0.890	0.852	0.956	0.967	0.931	5.44
25) T	2-Butanone	0.505	0.430	0.429	0.409	0.458	0.425	0.443	7.82
26) T	2,2-Dichloropr...	0.872	0.842	0.801	0.780	0.869	0.883	0.841	5.00
27) T	cis-1,2-Dichlo...	0.636	0.588	0.553	0.522	0.593	0.606	0.583	6.92
28) T	Bromochloromet...	0.474	0.411	0.406	0.359	0.399	0.402	0.408	9.12
29) T	Tetrahydrofuran	0.301	0.277	0.266	0.263	0.292	0.273	0.279	5.32
30) C	Chloroform	1.120	1.000	0.943	0.920	1.039	1.043	1.011	7.21#
31) T	Cyclohexane		0.804	0.759	0.724	0.821	0.830	0.787	5.71
32) T	1,1,1-Trichlor...	0.948	0.905	0.866	0.844	0.952	0.973	0.915	5.67
33) S	1,2-Dichloroet...		0.780	0.646	0.635	0.738	0.733	0.706	8.91
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.372	0.309	0.309	0.357	0.363	0.342	8.91
36) T	1,1-Dichloropr...	0.554	0.454	0.436	0.402	0.457	0.465	0.461	10.96
37) T	Ethyl Acetate	0.595	0.525	0.499	0.487	0.536	0.512	0.526	7.28
38) T	Carbon Tetrach...	0.507	0.499	0.483	0.467	0.530	0.544	0.505	5.69
39) T	Methylcyclohexane	0.600	0.534	0.514	0.484	0.560	0.564	0.543	7.52
40) TM	Benzene	1.437	1.311	1.236	1.179	1.312	1.327	1.300	6.74
41) T	Methacrylonitrile	0.276	0.280	0.270	0.266	0.301	0.284	0.280	4.44
42) TM	1,2-Dichloroet...	0.562	0.555	0.523	0.501	0.543	0.544	0.538	4.18
43) T	Isopropyl Acetate	0.914	0.844	0.810	0.785	0.886	0.873	0.852	5.69
44) TM	Trichloroethene	0.423	0.365	0.342	0.327	0.368	0.378	0.367	9.04
45) C	1,2-Dichloropr...	0.360	0.334	0.325	0.315	0.351	0.353	0.340	5.25#
46) T	Dibromomethane	0.267	0.245	0.243	0.233	0.253	0.258	0.250	4.87
47) T	Bromodichlorom...	0.467	0.446	0.445	0.447	0.507	0.521	0.472	7.12
48) T	Methyl methacr...	0.380	0.391	0.392	0.390	0.440	0.439	0.405	6.61
49) T	1,4-Dioxane	0.010	0.009	0.009	0.009	0.010	0.009	0.009	3.88
50) S	Toluene-d8		1.266	1.122	1.144	1.332	1.347	1.243	8.42
51) T	4-Methyl-2-Pen...	0.530	0.538	0.532	0.522	0.574	0.532	0.538	3.43
52) CM	Toluene	0.861	0.828	0.808	0.774	0.884	0.901	0.843	5.71#
53) T	t-1,3-Dichloro...	0.492	0.502	0.503	0.512	0.595	0.612	0.536	9.88
54) T	cis-1,3-Dichlo...	0.539	0.526	0.520	0.524	0.599	0.616	0.554	7.58
55) T	1,1,2-Trichlor...	0.378	0.359	0.343	0.334	0.375	0.383	0.362	5.59
56) T	Ethyl methacry...	0.526	0.515	0.528	0.536	0.625	0.628	0.559	9.36

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57)	T	1,3-Dichloropr...	0.633	0.580	0.561	0.545	0.606	0.620	0.591	5.88
58)	T	2-Chloroethyl ...	0.213	0.255	0.268	0.291	0.304	0.305	0.273	13.02
59)	T	2-Hexanone	0.419	0.430	0.422	0.418	0.436	0.403	0.421	2.70
60)	T	Dibromochlorom...	0.321	0.327	0.345	0.355	0.428	0.439	0.369	13.91
61)	T	1,2-Dibromoethane	0.381	0.354	0.361	0.358	0.411	0.418	0.380	7.35
62)	S	4-Bromofluorob...	0.454	0.424	0.448	0.533	0.537	0.479		10.91
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.436	0.396	0.378	0.348	0.375	0.362	0.383	8.08
65)	PM	Chlorobenzene	1.079	1.006	0.956	0.911	1.047	1.037	1.006	6.23
66)	T	1,1,1,2-Tetrac...	0.422	0.372	0.376	0.355	0.415	0.413	0.392	7.09
67)	C	Ethyl Benzene	1.843	1.777	1.719	1.645	1.877	1.844	1.784	4.97#
68)	T	m/p-Xylenes	0.683	0.673	0.657	0.631	0.732	0.721	0.683	5.62
69)	T	o-Xylene	0.711	0.674	0.643	0.629	0.728	0.721	0.684	6.14
70)	T	Styrene	0.987	1.043	1.066	1.056	1.214	1.212	1.096	8.60
71)	P	Bromoform	0.282	0.248	0.277	0.287	0.332	0.341	0.295	12.03
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.707	3.673	3.575	3.301	3.941	3.668	3.644	5.71
74)	T	N-amyl acetate	1.562	1.614	1.534	1.505	1.630	1.546	1.565	3.07
75)	P	1,1,2,2-Tetrac...	1.294	1.239	1.199	1.092	1.181	1.124	1.188	6.22
76)	T	1,2,3-Trichlor...	1.279	1.190	1.151	1.048	1.092	1.003	1.127	8.92
77)	T	Bromobenzene	1.020	0.983	0.894	0.841	0.973	0.931	0.941	6.95
78)	T	n-propylbenzene	4.137	4.058	4.032	3.760	4.518	4.221	4.121	6.05
79)	T	2-Chlorotoluene	2.781	2.597	2.514	2.335	2.704	2.555	2.581	6.04
80)	T	1,3,5-Trimethy...	3.106	3.046	3.059	2.823	3.317	3.143	3.082	5.20
81)	T	trans-1,4-Dich...	0.333	0.364	0.375	0.429	0.409	0.382		9.93
82)	T	4-Chlorotoluene	3.112	2.980	2.851	2.670	3.109	2.943	2.944	5.70
83)	T	tert-Butylbenzene	2.959	3.052	2.933	2.778	3.283	3.115	3.020	5.72
84)	T	1,2,4-Trimethy...	3.134	3.119	3.006	2.841	3.266	3.126	3.082	4.68
85)	T	sec-Butylbenzene	3.674	3.692	3.722	3.461	4.108	3.899	3.759	5.87
86)	T	p-Isopropyltol...	3.128	3.080	3.111	2.917	3.449	3.296	3.163	5.84
87)	T	1,3-Dichlorobe...	1.865	1.644	1.621	1.529	1.741	1.703	1.684	6.82
88)	T	1,4-Dichlorobe...	1.883	1.663	1.585	1.508	1.733	1.701	1.679	7.69
89)	T	n-Butylbenzene	2.732	2.532	2.620	2.465	2.986	2.886	2.703	7.53
90)	T	Hexachloroethane	0.468	0.453	0.477	0.484	0.584	0.574	0.507	11.28
91)	T	1,2-Dichlorobe...	1.884	1.629	1.587	1.490	1.667	1.652	1.651	7.91
92)	T	1,2-Dibromo-3-...	0.267	0.248	0.262	0.260	0.305	0.287	0.272	7.70
93)	T	1,2,4-Trichlor...	0.960	0.840	0.941	0.893	1.096	1.115	0.974	11.30
94)	T	Hexachlorobuta...	0.492	0.466	0.457	0.413	0.492	0.487	0.468	6.55
95)	T	Naphthalene	2.582	2.751	3.121	3.145	3.753	3.633	3.164	14.68
96)	T	1,2,3-Trichlor...	0.882	0.869	0.918	0.905	1.119	1.120	0.969	12.18

(#) = Out of Range