

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X091421W.M
 Title : SW846 8260
 Last Update : Tue Sep 14 12:18:04 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX024196.D 5 =VX024197.D 20 =VX024198.D 50 =VX024199.D 100 =VX024200.D 150 =VX024201.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.510	0.511	0.471	0.480	0.457	0.455	0.481	5.18
3) P	Chloromethane	0.567	0.524	0.469	0.498	0.478	0.475	0.502	7.55
4) C	Vinyl Chloride	0.512	0.524	0.477	0.497	0.490	0.497	0.500	3.29#
5) T	Bromomethane		0.344	0.340	0.288	0.255	0.260	0.297	14.41
6) T	Chloroethane	0.361	0.346	0.310	0.322	0.311	0.226	0.313	15.04
7) T	Trichlorofluor...	0.889	0.856	0.820	0.853	0.812	0.798	0.838	4.03
8) T	Diethyl Ether	0.279	0.309	0.275	0.297	0.291	0.290	0.290	4.19
9) T	1,1,2-Trichlor...	0.512	0.512	0.482	0.495	0.477	0.475	0.492	3.46
10) T	Methyl Iodide		0.590	0.641	0.752	0.726	0.697	0.681	9.63
11) T	Tert butyl alc...		0.242	0.159	0.160	0.143	0.141	0.169	24.65
12) CM	1,1-Dichloroet...	0.444	0.477	0.450	0.473	0.460	0.463	0.461	2.75#
13) T	Acrolein		0.052	0.045	0.046	0.046	0.046	0.047	6.45
14) T	Allyl chloride	0.804	0.847	0.798	0.874	0.853	0.849	0.838	3.58
15) T	Acrylonitrile	0.272	0.303	0.288	0.304	0.290	0.292	0.292	4.07
16) T	Acetone	0.350	0.323	0.305	0.300	0.277	0.270	0.304	9.75
17) T	Carbon Disulfide	1.119	1.111	1.088	1.197	1.194	1.222	1.155	4.83
18) T	Methyl Acetate	0.969	0.977	0.935	0.971	0.936	0.930	0.953	2.26
19) T	Methyl tert-bu...	1.544	1.710	1.645	1.786	1.743	1.738	1.694	5.15
20) T	Methylene Chlo...	0.751	0.608	0.532	0.552	0.525	0.535	0.584	14.98
21) T	trans-1,2-Dich...	0.515	0.498	0.482	0.516	0.508	0.509	0.505	2.53
22) T	Diisopropyl ether	1.474	1.640	1.626	1.750	1.701	1.682	1.646	5.77
23) T	Vinyl Acetate	1.154	1.315	1.328	1.444	1.398	1.378	1.336	7.56
24) P	1,1-Dichloroet...	0.986	0.961	0.937	0.993	0.961	0.955	0.966	2.15
25) T	2-Butanone	0.453	0.444	0.448	0.461	0.443	0.438	0.448	1.81
26) T	2,2-Dichloropr...	0.780	0.852	0.839	0.887	0.862	0.855	0.846	4.26
27) T	cis-1,2-Dichlo...	0.513	0.584	0.579	0.621	0.598	0.602	0.583	6.38
28) T	Bromochloromet...	0.395	0.442	0.373	0.366	0.383	0.401	0.393	6.87
29) T	Tetrahydrofuran	0.253	0.281	0.284	0.297	0.285	0.282	0.280	5.23
30) C	Chloroform	0.987	1.053	0.990	1.075	1.031	1.026	1.027	3.36#
31) T	Cyclohexane		0.814	0.823	0.863	0.838	0.831	0.834	2.24
32) T	1,1,1-Trichlor...	0.810	0.914	0.898	0.980	0.959	0.954	0.919	6.71
33) S	1,2-Dichloroet...		0.786	0.670	0.685	0.706	0.718	0.713	6.27
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.341	0.311	0.330	0.344	0.350	0.335	4.56
36) T	1,1-Dichloropr...	0.412	0.469	0.457	0.479	0.474	0.468	0.460	5.36
37) T	Ethyl Acetate	0.569	0.515	0.513	0.548	0.539	0.530	0.536	3.94
38) T	Carbon Tetrach...	0.489	0.508	0.500	0.542	0.533	0.534	0.517	4.14
39) T	Methylcyclohexane	0.498	0.530	0.551	0.586	0.572	0.556	0.549	5.70
40) TM	Benzene	1.178	1.361	1.308	1.392	1.341	1.331	1.318	5.65
41) T	Methacrylonitrile	0.263	0.285	0.272	0.307	0.295	0.291	0.286	5.59
42) TM	1,2-Dichloroet...	0.537	0.549	0.546	0.579	0.550	0.538	0.550	2.81
43) T	Isopropyl Acetate	0.772	0.855	0.832	0.902	0.882	0.872	0.853	5.40
44) TM	Trichloroethene	0.362	0.365	0.360	0.383	0.379	0.374	0.370	2.55
45) C	1,2-Dichloropr...	0.344	0.337	0.343	0.363	0.352	0.349	0.348	2.57#
46) T	Dibromomethane	0.247	0.256	0.243	0.267	0.259	0.256	0.255	3.32
47) T	Bromodichlorom...	0.404	0.447	0.456	0.514	0.509	0.512	0.474	9.55
48) T	Methyl methacr...	0.395	0.413	0.408	0.451	0.445	0.441	0.425	5.42
49) T	1,4-Dioxane	0.008	0.009	0.009	0.010	0.009	0.009	0.009	6.33
50) S	Toluene-d8		1.202	1.127	1.203	1.267	1.309	1.222	5.68
51) T	4-Methyl-2-Pen...	0.456	0.556	0.548	0.595	0.560	0.544	0.543	8.53
52) CM	Toluene	0.774	0.834	0.850	0.917	0.904	0.906	0.864	6.42#
53) T	t-1,3-Dichloro...	0.429	0.483	0.511	0.589	0.600	0.612	0.537	13.87
54) T	cis-1,3-Dichlo...	0.451	0.509	0.541	0.611	0.612	0.611	0.556	12.11
55) T	1,1,2-Trichlor...	0.356	0.358	0.354	0.382	0.380	0.377	0.368	3.57
56) T	Ethyl methacry...	0.408	0.502	0.534	0.617	0.623	0.626	0.552	15.87

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57)	T	1,3-Dichloropr...	0.551	0.595	0.585	0.626	0.621	0.618	0.599	4.73
58)	T	2-Chloroethyl ...	0.218	0.268	0.251	0.283	0.287	0.292	0.266	10.60
59)	T	2-Hexanone	0.369	0.437	0.430	0.471	0.420	0.413	0.423	7.89
60)	T	Dibromochlorom...	0.279	0.327	0.354	0.417	0.423	0.429	0.372	16.47
61)	T	1,2-Dibromoethane	0.373	0.374	0.371	0.410	0.412	0.412	0.392	5.42
62)	S	4-Bromofluorob...		0.452	0.421	0.482	0.499	0.523	0.475	8.37
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.370	0.399	0.414	0.406	0.378	0.357	0.387	5.79
65)	PM	Chlorobenzene	0.993	1.049	0.991	1.069	1.041	1.028	1.029	3.05
66)	T	1,1,1,2-Tetrac...	0.332	0.368	0.377	0.409	0.404	0.397	0.381	7.54
67)	C	Ethyl Benzene	1.603	1.794	1.804	1.926	1.855	1.815	1.799	5.98#
68)	T	m/p-Xylenes	0.584	0.667	0.685	0.749	0.728	0.721	0.689	8.66
69)	T	o-Xylene	0.591	0.674	0.686	0.740	0.720	0.716	0.688	7.74
70)	T	Styrene	0.888	1.069	1.100	1.241	1.201	1.195	1.116	11.59
71)	P	Bromoform	0.224	0.251	0.275	0.329	0.319	0.323	0.287	15.26
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.408	3.750	3.670	3.894	3.875	3.744	3.723	4.74
74)	T	N-amyl acetate	1.315	1.592	1.554	1.735	1.622	1.587	1.567	8.84
75)	P	1,1,2,2-Tetrac...	1.239	1.279	1.221	1.211	1.141	1.138	1.205	4.60
76)	T	1,2,3-Trichlor...	1.295	1.188	1.162	1.180	1.062	1.011	1.150	8.76
77)	T	Bromobenzene	0.880	0.953	0.908	0.979	0.953	0.942	0.936	3.83
78)	T	n-propylbenzene	3.640	4.140	4.184	4.497	4.460	4.316	4.206	7.42
79)	T	2-Chlorotoluene	2.384	2.715	2.566	2.770	2.658	2.582	2.613	5.20
80)	T	1,3,5-Trimethy...	2.765	3.161	3.119	3.345	3.258	3.183	3.139	6.36
81)	T	trans-1,4-Dich...		0.315	0.375	0.422	0.422	0.421	0.391	12.04
82)	T	4-Chlorotoluene	2.564	3.121	2.958	3.157	3.046	2.989	2.973	7.20
83)	T	tert-Butylbenzene	2.581	3.087	2.996	3.210	3.184	3.118	3.029	7.66
84)	T	1,2,4-Trimethy...	2.605	3.121	3.108	3.318	3.222	3.150	3.087	8.06
85)	T	sec-Butylbenzene	3.073	3.857	3.814	4.129	4.036	3.863	3.795	9.85
86)	T	p-Isopropyltol...	2.645	3.117	3.186	3.480	3.394	3.292	3.186	9.29
87)	T	1,3-Dichlorobe...	1.519	1.681	1.682	1.754	1.729	1.692	1.676	4.90
88)	T	1,4-Dichlorobe...	1.693	1.758	1.672	1.740	1.709	1.693	1.711	1.88
89)	T	n-Butylbenzene	2.344	2.684	2.714	2.995	2.955	2.848	2.757	8.61
90)	T	Hexachloroethane	0.452	0.457	0.492	0.562	0.564	0.552	0.513	10.22
91)	T	1,2-Dichlorobe...	1.598	1.668	1.646	1.694	1.639	1.622	1.644	2.05
92)	T	1,2-Dibromo-3-...	0.281	0.243	0.259	0.289	0.296	0.289	0.276	7.54
93)	T	1,2,4-Trichlor...	0.749	0.886	0.947	1.053	1.098	1.080	0.969	13.99
94)	T	Hexachlorobuta...	0.531	0.466	0.467	0.485	0.485	0.470	0.484	5.07
95)	T	Naphthalene	1.966	2.707	3.160	3.573	3.675	3.617	3.116	21.59
96)	T	1,2,3-Trichlor...	0.755	0.895	0.964	1.070	1.095	1.082	0.977	13.70

(#) = Out of Range