

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X041222W.M
 Title : SW846 8260
 Last Update : Tue Apr 12 22:07:23 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX028046.D 5 =VX028047.D 20 =VX028048.D 50 =VX028049.D 100 =VX028050.D 150 =VX028051.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.527	0.513	0.508	0.445	0.464	0.456	0.485	7.11
3) P	Chloromethane	0.645	0.564	0.563	0.483	0.486	0.482	0.537	12.20
4) C	Vinyl Chloride	0.753	0.671	0.682	0.592	0.602	0.576	0.646	10.48#
5) T	Bromomethane		0.982	0.589	0.689	0.686	0.674	0.724	20.69
6) T	Chloroethane	0.711	0.548	0.508	0.458	0.520	0.570	0.552	15.65
7) T	Trichlorofluor...	1.362	1.357	1.277	1.151	1.203	1.252	1.267	6.61
8) T	Diethyl Ether	0.611	0.492	0.486	0.419	0.439	0.465	0.485	13.93
9) T	1,1,2-Trichlor...	0.585	0.521	0.510	0.446	0.473	0.489	0.504	9.44
10) T	Methyl Iodide		0.464	0.577	0.584	0.657	0.653	0.587	13.35
11) T	Tert butyl alc...		0.163	0.159	0.144	0.165	0.156	0.157	5.25
12) CM	1,1-Dichloroet...	0.585	0.526	0.483	0.430	0.464	0.474	0.494	10.99#
13) T	Acrolein		0.124	0.084	0.080	0.084	0.082	0.091	20.33
14) T	Allyl chloride	1.011	0.905	0.826	0.769	0.854	0.876	0.873	9.34
15) T	Acrylonitrile	0.317	0.333	0.331	0.308	0.337	0.331	0.326	3.47
16) T	Acetone	0.322	0.297	0.289	0.251	0.271	0.265	0.283	8.95
17) T	Carbon Disulfide	1.301	1.235	1.329	1.230	1.329	1.358	1.297	4.11
18) T	Methyl Acetate	0.847	0.789	0.748	0.672	0.733	0.737	0.754	7.81
19) T	Methyl tert-bu...	1.749	1.894	1.839	1.750	1.931	1.958	1.853	4.85
20) T	Methylene Chlo...	0.590	0.592	0.570	0.509	0.556	0.561	0.563	5.39
21) T	trans-1,2-Dich...	0.683	0.577	0.577	0.531	0.586	0.593	0.591	8.43
22) T	Diisopropyl ether	1.787	1.832	1.844	1.776	1.969	2.038	1.874	5.64
23) T	Vinyl Acetate	1.480	1.590	1.681	1.631	1.789	1.823	1.665	7.66
24) P	1,1-Dichloroet...	1.007	1.022	1.040	0.954	1.031	1.033	1.015	3.15
25) T	2-Butanone	0.495	0.499	0.496	0.458	0.498	0.485	0.489	3.26
26) T	2,2-Dichloropr...	0.929	0.958	0.960	0.887	0.962	0.955	0.942	3.12
27) T	cis-1,2-Dichlo...	0.717	0.696	0.655	0.606	0.663	0.661	0.666	5.70
28) T	Bromochloromet...	0.443	0.481	0.397	0.426	0.427	0.442	0.436	6.35
29) T	Tetrahydrofuran	0.308	0.322	0.321	0.304	0.334	0.326	0.319	3.53
30) C	Chloroform	1.141	1.116	1.133	1.061	1.156	1.162	1.128	3.27#
31) T	Cyclohexane		0.958	0.935	0.879	0.954	0.937	0.933	3.38
32) T	1,1,1-Trichlor...	1.084	0.997	1.029	0.954	1.032	1.036	1.022	4.24
33) S	1,2-Dichloroet...	0.729	0.730	0.633	0.625	0.675		0.678	7.43
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.350	0.330	0.316	0.312	0.331		0.328	4.56
36) T	1,1-Dichloropr...	0.523	0.489	0.497	0.470	0.504	0.517	0.500	3.82
37) T	Ethyl Acetate	0.591	0.545	0.581	0.551	0.610	0.618	0.583	5.13
38) T	Carbon Tetrach...	0.529	0.513	0.535	0.506	0.557	0.563	0.534	4.25
39) T	Methylcyclohexane	0.588	0.590	0.593	0.564	0.603	0.609	0.591	2.64
40) TM	Benzene	1.416	1.483	1.469	1.391	1.481	1.485	1.454	2.79
41) T	Methacrylonitrile	0.337	0.302	0.302	0.284	0.312	0.322	0.310	5.91
42) TM	1,2-Dichloroet...	0.531	0.542	0.557	0.524	0.567	0.573	0.549	3.62
43) T	Isopropyl Acetate	1.026	0.946	0.953	0.908	0.991	0.999	0.970	4.40
44) TM	Trichloroethene	0.382	0.400	0.385	0.372	0.388	0.393	0.387	2.51
45) C	1,2-Dichloropr...	0.377	0.377	0.366	0.347	0.366	0.366	0.366	3.05#
46) T	Dibromomethane	0.274	0.267	0.274	0.257	0.273	0.276	0.270	2.66
47) T	Bromodichlorom...	0.498	0.500	0.524	0.507	0.545	0.561	0.522	4.93
48) T	Methyl methacr...	0.481	0.440	0.427	0.403	0.448	0.458	0.443	6.07
49) T	1,4-Dioxane	0.009	0.010	0.010	0.010	0.010	0.010	0.010	3.47
50) S	Toluene-d8	1.171	1.245	1.185	1.201	1.308		1.222	4.54
51) T	4-Methyl-2-Pen...	0.563	0.608	0.622	0.592	0.659	0.667	0.619	6.40
52) CM	Toluene	0.907	0.894	0.935	0.935	1.025	1.124	0.970	9.12#
53) T	t-1,3-Dichloro...	0.501	0.537	0.583	0.586	0.657	0.677	0.590	11.51
54) T	cis-1,3-Dichlo...	0.575	0.588	0.596	0.591	0.661	0.662	0.612	6.35
55) T	1,1,2-Trichlor...	0.385	0.372	0.396	0.373	0.410	0.424	0.393	5.33
56) T	Ethyl methacry...	0.512	0.578	0.613	0.598	0.682	0.727	0.618	12.37

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57)	T	1,3-Dichloropr...	0.651	0.635	0.660	0.620	0.666	0.679	0.652	3.27
58)	T	2-Chloroethyl ...	0.245	0.265	0.280	0.276	0.299	0.309	0.279	8.18
59)	T	2-Hexanone	0.416	0.450	0.490	0.481	0.544	0.527	0.485	9.78
60)	T	Dibromochlorom...	0.366	0.367	0.412	0.410	0.470	0.498	0.420	12.77
61)	T	1,2-Dibromoethane	0.426	0.394	0.413	0.405	0.458	0.473	0.428	7.25
62)	S	4-Bromofluorob...	0.435	0.412	0.410	0.459	0.565	0.456		14.07
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.433	0.421	0.401	0.375	0.379	0.370	0.397	6.60
65)	PM	Chlorobenzene	1.077	1.077	1.104	1.048	1.108	1.132	1.091	2.72
66)	T	1,1,1,2-Tetrac...	0.387	0.399	0.400	0.388	0.420	0.425	0.403	3.97
67)	C	Ethyl Benzene	1.770	1.871	1.962	1.888	2.008	2.027	1.921	5.03#
68)	T	m/p-Xylenes	0.715	0.730	0.780	0.762	0.886	0.940	0.802	11.29
69)	T	o-Xylene	0.709	0.722	0.750	0.740	0.844	0.913	0.780	10.34
70)	T	Styrene	1.171	1.139	1.226	1.256	1.564	1.700	1.343	17.25
71)	P	Bromoform	0.268	0.281	0.312	0.327	0.396	0.428	0.335	18.94
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.551	3.812	3.794	3.473	3.219	3.463	3.552	6.31
74)	T	N-amyl acetate	1.450	1.618	1.639	1.585	1.494	1.424	1.535	5.94
75)	P	1,1,2,2-Tetrac...	1.369	1.381	1.314	1.195	1.077	1.109	1.241	10.69
76)	T	1,2,3-Trichlor...	1.282	1.169	1.183	1.116	0.986	0.942	1.113	11.50
77)	T	Bromobenzene	0.905	0.920	0.918	0.841	0.789	0.834	0.868	6.27
78)	T	n-propylbenzene	4.236	4.304	4.365	4.099	3.844	3.920	4.128	5.12
79)	T	2-Chlorotoluene	2.751	2.603	2.577	2.411	2.305	2.374	2.503	6.72
80)	T	1,3,5-Trimethy...	2.943	3.061	3.166	3.029	3.135	3.075	3.068	2.58
81)	T	trans-1,4-Dich...		0.362	0.406	0.401	0.400	0.407	0.395	4.78
82)	T	4-Chlorotoluene	2.937	2.891	2.961	2.893	3.047	2.953	2.947	1.94
83)	T	tert-Butylbenzene	2.872	3.110	3.150	2.918	2.839	2.924	2.969	4.35
84)	T	1,2,4-Trimethy...	2.777	3.065	3.206	3.011	2.972	2.993	3.004	4.63
85)	T	sec-Butylbenzene	3.836	3.833	3.958	3.752	3.668	3.687	3.789	2.87
86)	T	p-Isopropyltol...	3.043	3.188	3.325	3.192	3.253	3.262	3.211	3.01
87)	T	1,3-Dichlorobe...	1.796	1.722	1.722	1.654	1.606	1.645	1.691	4.07
88)	T	1,4-Dichlorobe...	1.877	1.799	1.781	1.688	1.721	1.775	1.774	3.69
89)	T	n-Butylbenzene	2.471	2.692	2.873	2.767	2.856	2.829	2.748	5.50
90)	T	Hexachloroethane	0.542	0.511	0.565	0.560	0.524	0.535	0.539	3.86
91)	T	1,2-Dichlorobe...	1.712	1.746	1.746	1.643	1.622	1.668	1.689	3.12
92)	T	1,2-Dibromo-3-...	0.310	0.262	0.295	0.270	0.253	0.247	0.273	9.07
93)	T	1,2,4-Trichlor...	0.964	0.977	1.027	0.949	0.861	0.890	0.945	6.38
94)	T	Hexachlorobuta...	0.429	0.415	0.401	0.371	0.337	0.333	0.381	10.63
95)	T	Naphthalene	3.114	3.444	3.625	3.399	3.099	3.115	3.299	6.71
96)	T	1,2,3-Trichlor...	0.939	0.971	1.020	0.929	0.865	0.885	0.935	6.04

(#) = Out of Range