

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X042021W.M
 Title : SW846 8260
 Last Update : Tue Apr 20 13:46:22 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX021749.D 5 =VX021750.D 20 =VX021751.D 50 =VX021752.D 100 =VX021753.D 150 =VX021754.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.455	0.504	0.433	0.490	0.502	0.503	0.481	6.23
3) P	Chloromethane	1.020	0.716	0.567	0.629	0.635	0.636	0.700	23.34
4) C	Vinyl Chloride	0.519	0.596	0.528	0.595	0.603	0.607	0.575	6.95#
5) T	Bromomethane	0.282	0.268	0.254	0.225	0.227	0.251	0.251	9.92
6) T	Chloroethane	0.363	0.408	0.324	0.356	0.362	0.361	0.362	7.45
7) T	Trichlorofluor...	0.654	0.849	0.712	0.786	0.818	0.800	0.770	9.45
8) T	Diethyl Ether	0.279	0.350	0.295	0.324	0.327	0.329	0.317	8.10
9) T	1,1,2-Trichlor...	0.433	0.507	0.415	0.462	0.476	0.475	0.462	7.13
10) T	Methyl Iodide	0.209	0.233	0.312	0.382	0.416	0.310	0.310	29.04
11) T	Tert butyl alc...	0.141	0.113	0.123	0.123	0.122	0.124	0.124	8.16
12) CM	1,1-Dichloroet...	0.400	0.493	0.430	0.469	0.489	0.489	0.462	8.30#
13) T	Acrolein	0.118	0.088	0.096	0.100	0.101	0.100	0.100	11.05
14) T	Allyl chloride	0.709	0.804	0.692	0.751	0.760	0.735	0.742	5.38
15) T	Acrylonitrile	0.202	0.269	0.234	0.261	0.269	0.273	0.251	11.13
16) T	Acetone	0.183	0.204	0.184	0.197	0.201	0.202	0.195	4.85
17) T	Carbon Disulfide	1.164	1.410	1.200	1.333	1.377	1.411	1.316	8.22
18) T	Methyl Acetate	0.501	0.541	0.481	0.539	0.552	0.561	0.529	5.90
19) T	Methyl tert-bu...	1.480	1.702	1.452	1.616	1.648	1.651	1.591	6.37
20) T	Methylene Chlo...	0.712	0.630	0.487	0.547	0.565	0.566	0.585	13.25
21) T	trans-1,2-Dich...	0.517	0.565	0.477	0.526	0.547	0.549	0.530	5.90
22) T	Diisopropyl ether	1.413	1.613	1.356	1.494	1.516	1.539	1.488	6.15
23) T	Vinyl Acetate	1.082	1.395	1.193	1.327	1.358	1.376	1.288	9.62
24) P	1,1-Dichloroet...	0.770	0.963	0.811	0.898	0.919	0.939	0.883	8.62
25) T	2-Butanone	0.279	0.341	0.311	0.342	0.352	0.356	0.330	8.91
26) T	2,2-Dichloropr...	0.899	0.953	0.772	0.822	0.843	0.838	0.854	7.38
27) T	cis-1,2-Dichlo...	0.517	0.668	0.550	0.609	0.633	0.636	0.602	9.52
28) T	Bromochloromet...	0.373	0.441	0.314	0.348	0.357	0.366	0.367	11.39
29) T	Tetrahydrofuran	0.192	0.223	0.197	0.221	0.225	0.230	0.215	7.51
30) C	Chloroform	0.983	1.016	0.864	0.935	0.973	0.968	0.957	5.49#
31) T	Cyclohexane	0.877	0.713	0.785	0.798	0.815	0.798	0.798	7.38
32) T	1,1,1-Trichlor...	0.826	0.936	0.762	0.844	0.864	0.869	0.850	6.73
33) S	1,2-Dichloroet...	0.617	0.508	0.538	0.570	0.603	0.567	0.567	7.96
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.350	0.281	0.300	0.330	0.337	0.320	0.320	8.88
36) T	1,1-Dichloropr...	0.380	0.487	0.397	0.450	0.465	0.469	0.441	9.73
37) T	Ethyl Acetate	0.358	0.448	0.388	0.423	0.435	0.438	0.415	8.38
38) T	Carbon Tetrach...	0.445	0.523	0.442	0.485	0.506	0.498	0.483	6.86
39) T	Methylcyclohexane	0.525	0.642	0.517	0.570	0.587	0.590	0.572	8.09
40) TM	Benzene	1.143	1.437	1.213	1.333	1.389	1.384	1.317	8.70
41) T	Methacrylonitrile	0.228	0.247	0.213	0.231	0.241	0.239	0.233	5.14
42) TM	1,2-Dichloroet...	0.362	0.461	0.400	0.441	0.450	0.450	0.427	8.99
43) T	Isopropyl Acetate	0.684	0.776	0.673	0.722	0.750	0.755	0.727	5.66
44) TM	Trichloroethene	0.329	0.418	0.350	0.396	0.407	0.405	0.384	9.30
45) C	1,2-Dichloropr...	0.322	0.367	0.317	0.348	0.359	0.361	0.346	6.18#
46) T	Dibromomethane	0.217	0.260	0.221	0.247	0.254	0.254	0.242	7.64
47) T	Bromodichlorom...	0.464	0.531	0.446	0.497	0.512	0.513	0.494	6.61
48) T	Methyl methacr...	0.317	0.381	0.328	0.360	0.363	0.374	0.354	7.27
49) T	1,4-Dioxane	0.007	0.009	0.008	0.009	0.009	0.008	0.008	8.59
50) S	Toluene-d8	1.327	1.078	1.178	1.259	1.304	1.229	1.229	8.28
51) T	4-Methyl-2-Pen...	0.357	0.440	0.390	0.427	0.443	0.439	0.416	8.42
52) CM	Toluene	0.720	0.920	0.791	0.879	0.911	0.904	0.854	9.48#
53) T	t-1,3-Dichloro...	0.456	0.600	0.510	0.572	0.592	0.598	0.555	10.61
54) T	cis-1,3-Dichlo...	0.478	0.643	0.546	0.609	0.630	0.612	0.586	10.68
55) T	1,1,2-Trichlor...	0.311	0.384	0.322	0.357	0.369	0.361	0.351	8.06
56) T	Ethyl methacry...	0.445	0.583	0.483	0.545	0.567	0.563	0.531	10.22

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57)	T	1,3-Dichloropr...	0.462	0.614	0.516	0.583	0.601	0.602	0.563	10.77
58)	T	2-Chloroethyl ...	0.219	0.224	0.252	0.281	0.292	0.289	0.260	12.62
59)	T	2-Hexanone	0.254	0.334	0.294	0.325	0.334	0.328	0.312	10.19
60)	T	Dibromochlorom...	0.369	0.447	0.386	0.441	0.459	0.453	0.426	9.01
61)	T	1,2-Dibromoethane	0.334	0.407	0.351	0.389	0.404	0.402	0.381	8.11
62)	S	4-Bromofluorob...	0.499	0.386	0.441	0.482	0.488	0.459		10.06
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.344	0.450	0.361	0.386	0.404	0.401	0.391	9.50
65)	PM	Chlorobenzene	0.884	1.134	0.947	1.044	1.094	1.091	1.032	9.38
66)	T	1,1,1,2-Tetrac...	0.340	0.440	0.373	0.405	0.420	0.418	0.399	9.19
67)	C	Ethyl Benzene	1.579	1.951	1.645	1.803	1.878	1.865	1.787	8.12#
68)	T	m/p-Xylenes	0.583	0.760	0.635	0.707	0.735	0.729	0.691	9.86
69)	T	o-Xylene	0.562	0.727	0.624	0.675	0.710	0.701	0.667	9.38
70)	T	Styrene	0.967	1.229	1.032	1.158	1.201	1.197	1.131	9.40
71)	P	Bromoform	0.279	0.393	0.341	0.374	0.394	0.388	0.362	12.41
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.162	3.906	3.285	3.537	3.617	3.543	3.508	7.45
74)	T	N-ethyl acetate	1.296	1.470	1.273	1.352	1.359	1.340	1.348	5.07
75)	P	1,1,2,2-Tetrac...	0.916	1.187	1.020	1.103	1.095	1.079	1.067	8.56
76)	T	1,2,3-Trichlor...	0.946	1.135	0.862	0.921	1.065	1.021	0.992	10.16
77)	T	Bromobenzene	0.863	1.005	0.849	0.930	0.966	0.942	0.926	6.48
78)	T	n-propylbenzene	3.366	4.267	3.609	3.953	4.082	4.002	3.880	8.54
79)	T	2-Chlorotoluene	2.018	2.541	2.098	2.329	2.355	2.359	2.283	8.41
80)	T	1,3,5-Trimethy...	2.696	3.305	2.718	2.990	3.068	3.050	2.971	7.78
81)	T	trans-1,4-Dich...	0.452	0.398	0.427	0.442	0.437	0.431		4.78
82)	T	4-Chlorotoluene	2.257	2.901	2.466	2.708	2.788	2.763	2.647	9.05
83)	T	tert-Butylbenzene	2.738	3.295	2.727	2.997	3.041	3.002	2.966	7.15
84)	T	1,2,4-Trimethy...	2.753	3.324	2.745	3.020	3.089	3.072	3.001	7.37
85)	T	sec-Butylbenzene	2.979	3.787	3.123	3.428	3.553	3.532	3.400	8.78
86)	T	p-Isopropyltol...	2.811	3.590	2.975	3.271	3.381	3.349	3.230	8.85
87)	T	1,3-Dichlorobe...	1.339	1.745	1.470	1.652	1.696	1.692	1.599	9.96
88)	T	1,4-Dichlorobe...	1.371	1.797	1.497	1.655	1.685	1.696	1.617	9.57
89)	T	n-Butylbenzene	2.328	2.946	2.483	2.800	2.896	2.899	2.725	9.43
90)	T	Hexachloroethane	0.490	0.637	0.540	0.611	0.629	0.627	0.589	10.20
91)	T	1,2-Dichlorobe...	1.320	1.676	1.446	1.584	1.622	1.618	1.544	8.71
92)	T	1,2-Dibromo-3-...	0.210	0.252	0.227	0.241	0.248	0.254	0.239	7.10
93)	T	1,2,4-Trichlor...	0.928	1.139	1.019	1.141	1.207	1.248	1.114	10.75
94)	T	Hexachlorobuta...	0.442	0.588	0.494	0.558	0.586	0.618	0.548	12.12
95)	T	Naphthalene	2.729	3.503	3.193	3.495	3.618	3.685	3.371	10.58
96)	T	1,2,3-Trichlor...	0.834	1.088	0.993	1.110	1.169	1.218	1.069	12.89

(#) = Out of Range