

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\
 Method File : 82X011121W.M
 Title : SW846 8260
 Last Update : Mon Jan 11 15:05:37 2021
 Response Via : Initial Calibration

Calibration Files

1 =VX020546.D 5 =VX020547.D 20 =VX020548.D 50 =VX020549.D 100 =VX020550.D 150 =VX020551.D

Compound		1	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.475	0.452	0.486	0.519	0.514	0.514	0.493	5.45
3) P	Chloromethane	0.495	0.422	0.430	0.469	0.464	0.459	0.456	5.92
4) C	Vinyl Chloride	0.520	0.500	0.501	0.540	0.537	0.543	0.523	3.75#
5) T	Bromomethane		0.387	0.353	0.363	0.338	0.326	0.353	6.62
6) T	Chloroethane	0.390	0.328	0.319	0.338	0.252	0.199	0.304	22.27
7) T	Trichlorofluor...	0.950	0.866	0.794	0.873	0.859	0.858	0.867	5.72
8) T	Diethyl Ether	0.339	0.317	0.278	0.304	0.307	0.308	0.309	6.41
9) T	1,1,2-Trichlor...	0.494	0.503	0.460	0.492	0.483	0.485	0.486	3.03
10) T	Methyl Iodide		0.589	0.605	0.724	0.740	0.733	0.678	11.01
11) T	Tert butyl alc...		0.155	0.098	0.111	0.111	0.109	0.117	18.71
12) CM	1,1-Dichloroet...	0.514	0.461	0.436	0.481	0.480	0.493	0.477	5.61#
13) T	Acrolein		0.088	0.074	0.083	0.086	0.085	0.083	6.45
14) T	Allyl chloride	0.709	0.644	0.596	0.662	0.682	0.686	0.663	5.97
15) T	Acrylonitrile	0.270	0.251	0.232	0.259	0.261	0.257	0.255	5.12
16) T	Acetone	0.293	0.240	0.202	0.209	0.205	0.202	0.225	16.13
17) T	Carbon Disulfide	1.521	1.146	1.229	1.331	1.333	1.336	1.316	9.58
18) T	Methyl Acetate	0.623	0.533	0.485	0.517	0.521	0.514	0.532	8.91
19) T	Methyl tert-bu...	1.516	1.488	1.418	1.600	1.629	1.639	1.548	5.71
20) T	Methylene Chlo...	0.694	0.578	0.507	0.545	0.543	0.537	0.567	11.65
21) T	trans-1,2-Dich...	0.584	0.515	0.494	0.540	0.543	0.541	0.536	5.67
22) T	Diisopropyl ether	1.278	1.290	1.245	1.395	1.411	1.416	1.339	5.71
23) T	Vinyl Acetate	1.069	1.059	1.048	1.201	1.241	1.239	1.143	8.20
24) P	1,1-Dichloroet...	0.961	0.904	0.814	0.885	0.888	0.886	0.889	5.29
25) T	2-Butanone	0.352	0.322	0.296	0.325	0.330	0.322	0.325	5.60
26) T	2,2-Dichloropr...	0.914	0.825	0.748	0.813	0.826	0.837	0.827	6.42
27) T	cis-1,2-Dichlo...	0.636	0.591	0.542	0.600	0.607	0.613	0.598	5.30
28) T	Bromochloromet...	0.354	0.395	0.336	0.357	0.364	0.368	0.362	5.36
29) T	Tetrahydrofuran	0.186	0.190	0.183	0.206	0.213	0.207	0.198	6.37
30) C	Chloroform	1.110	1.015	0.906	0.987	0.977	0.973	0.995	6.75#
31) T	Cyclohexane		0.611	0.656	0.741	0.757	0.764	0.706	9.69
32) T	1,1,1-Trichlor...	0.956	0.904	0.815	0.894	0.898	0.899	0.895	5.06
33) S	1,2-Dichloroet...		0.678	0.570	0.572	0.588	0.596	0.601	7.40
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.386	0.333	0.332	0.338	0.344	0.346	6.45
36) T	1,1-Dichloropr...	0.468	0.433	0.423	0.468	0.475	0.474	0.457	4.97
37) T	Ethyl Acetate	0.455	0.394	0.373	0.419	0.427	0.421	0.415	6.80
38) T	Carbon Tetrach...	0.566	0.529	0.500	0.537	0.537	0.528	0.533	3.99
39) T	Methylcyclohexane	0.497	0.455	0.469	0.554	0.578	0.577	0.522	10.54
40) TM	Benzene	1.408	1.334	1.284	1.420	1.407	1.387	1.373	3.88
41) T	Methacrylonitrile	0.214	0.205	0.200	0.229	0.231	0.223	0.217	5.84
42) TM	1,2-Dichloroet...	0.506	0.495	0.462	0.496	0.496	0.483	0.490	3.15
43) T	Isopropyl Acetate	0.619	0.610	0.583	0.667	0.691	0.689	0.643	7.03
44) TM	Trichloroethene	0.448	0.399	0.373	0.411	0.410	0.408	0.408	5.89
45) C	1,2-Dichloropr...	0.339	0.341	0.315	0.343	0.345	0.338	0.337	3.26#
46) T	Dibromomethane	0.272	0.250	0.240	0.260	0.257	0.255	0.256	4.20
47) T	Bromodichlorom...	0.541	0.535	0.480	0.530	0.528	0.519	0.522	4.15
48) T	Methyl methacr...	0.281	0.282	0.289	0.333	0.348	0.343	0.313	10.24
49) T	1,4-Dioxane	0.007	0.007	0.008	0.008	0.008	0.008	0.008	5.95
50) S	Toluene-d8		1.321	1.171	1.216	1.243	1.248	1.240	4.41
51) T	4-Methyl-2-Pen...	0.352	0.397	0.379	0.425	0.429	0.412	0.399	7.36
52) CM	Toluene	0.836	0.865	0.818	0.910	0.911	0.899	0.873	4.57#
53) T	t-1,3-Dichloro...	0.525	0.492	0.476	0.552	0.572	0.573	0.532	7.72
54) T	cis-1,3-Dichlo...	0.540	0.531	0.534	0.594	0.608	0.610	0.569	6.75
55) T	1,1,2-Trichlor...	0.375	0.381	0.345	0.377	0.371	0.364	0.369	3.48
56) T	Ethyl methacry...	0.414	0.420	0.426	0.516	0.544	0.549	0.478	13.53

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57)	T	1,3-Dichloropr...	0.611	0.623	0.550	0.609	0.606	0.598	0.599	4.30
58)	T	2-Chloroethyl ...	0.168	0.209	0.218	0.254	0.258	0.251	0.226	15.51
59)	T	2-Hexanone	0.272	0.278	0.287	0.324	0.323	0.311	0.299	7.64
60)	T	Dibromochlorom...	0.428	0.387	0.393	0.429	0.437	0.427	0.417	5.09
61)	T	1,2-Dibromoethane	0.405	0.376	0.373	0.405	0.404	0.399	0.394	3.84
62)	S	4-Bromofluorob...		0.438	0.417	0.396	0.466	0.472	0.438	7.41
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.522	0.483	0.422	0.432	0.435	0.415	0.452	9.31
65)	PM	Chlorobenzene	1.172	1.026	0.958	1.038	1.069	1.051	1.052	6.64
66)	T	1,1,1,2-Tetrac...	0.418	0.413	0.376	0.375	0.417	0.412	0.402	5.09
67)	C	Ethyl Benzene	1.746	1.664	1.606	1.668	1.890	1.820	1.732	6.20#
68)	T	m/p-Xylenes	0.634	0.625	0.634	0.681	0.728	0.704	0.668	6.46
69)	T	o-Xylene	0.569	0.615	0.582	0.618	0.687	0.620	0.615	6.66
70)	T	Styrene	0.944	1.007	1.010	1.082	1.185	1.072	1.050	7.89
71)	P	Bromoform	0.299	0.338	0.305	0.336	0.358	0.320	0.326	6.77
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.044	3.346	3.113	3.432	3.576	3.718	3.371	7.74
74)	T	N-amyl acetate	0.814	1.009	0.943	1.270	1.184	1.214	1.072	16.63
75)	P	1,1,2,2-Tetrac...	1.166	1.195	1.041	1.084	1.092	1.011	1.098	6.45
76)	T	1,2,3-Trichlor...	1.145	1.151	1.007	1.056	1.037	0.924	1.053	8.16
77)	T	Bromobenzene	0.915	0.989	0.820	0.891	0.931	0.873	0.903	6.33
78)	T	n-propylbenzene	3.411	3.581	3.530	3.921	4.050	3.864	3.726	6.79
79)	T	2-Chlorotoluene	2.119	2.425	2.163	2.331	2.427	2.328	2.299	5.67
80)	T	1,3,5-Trimethy...	2.448	2.896	2.672	2.950	3.058	2.925	2.825	7.93
81)	T	trans-1,4-Dich...		0.380	0.336	0.380	0.403	0.434	0.387	9.35
82)	T	4-Chlorotoluene	2.551	2.872	2.544	2.768	2.876	2.756	2.728	5.45
83)	T	tert-Butylbenzene	2.451	2.523	2.463	2.820	2.934	3.088	2.713	9.99
84)	T	1,2,4-Trimethy...	2.358	2.543	2.669	3.054	3.122	3.198	2.824	12.29
85)	T	sec-Butylbenzene	2.802	2.844	2.976	3.304	3.481	3.590	3.166	10.67
86)	T	p-Isopropyltol...	2.600	2.600	2.733	3.158	3.277	3.274	2.940	11.25
87)	T	1,3-Dichlorobe...	1.837	1.624	1.504	1.648	1.642	1.649	1.651	6.47
88)	T	1,4-Dichlorobe...	1.947	1.671	1.521	1.646	1.648	1.721	1.692	8.33
89)	T	n-Butylbenzene	2.402	2.186	2.251	2.630	2.854	2.944	2.544	12.40
90)	T	Hexachloroethane	0.583	0.511	0.495	0.540	0.577	0.622	0.555	8.69
91)	T	1,2-Dichlorobe...	1.885	1.586	1.497	1.591	1.605	1.615	1.630	8.09
92)	T	1,2-Dibromo-3-...	0.279	0.239	0.237	0.243	0.271	0.278	0.258	7.79
93)	T	1,2,4-Trichlor...	1.243	0.940	0.895	1.117	1.179	1.145	1.087	12.74
94)	T	Hexachlorobuta...	0.789	0.605	0.502	0.554	0.539	0.571	0.593	17.13
95)	T	Naphthalene	2.582	2.491	2.749	3.479	3.684	4.011	3.166	20.23
96)	T	1,2,3-Trichlor...	1.102	0.963	0.986	1.123	1.176	1.280	1.105	10.74

(#) = Out of Range