

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X061623W.M
 Title : SW846 8260
 Last Update : Fri Jun 16 16:28:40 2023
 Response Via : Initial Calibration

Calibration Files

1 =VX036178.D 5 =VX036179.D 20 =VX036180.D 50 =VX036181.D 100 =VX036182.D 150 =VX036183.D

	Compound	1	5	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.596	0.612	0.695	0.612	0.612	0.555	0.614	7.42
3) P	Chloromethane	0.694	0.672	0.648	0.654	0.615	0.613	0.649	4.89
4) C	Vinyl Chloride	0.645	0.603	0.638	0.626	0.617	0.583	0.619	3.73#
5) T	Bromomethane		0.392	0.354	0.383	0.370	0.403	0.380	5.02
6) T	Chloroethane	0.442	0.395	0.400	0.423	0.389	0.353	0.400	7.66
7) T	Trichlorofluor...	1.053	0.914	1.097	1.028	1.004	0.910	1.001	7.55
8) T	Diethyl Ether	0.376	0.379	0.370	0.386	0.349	0.376	0.373	3.38
9) T	1,1,2-Trichlor...	0.556	0.555	0.629	0.580	0.571	0.534	0.571	5.69
10) T	Methyl Iodide		0.469	0.600	0.652	0.600	0.621	0.589	11.91
11) T	Tert butyl alc...		0.137	0.124	0.152	0.136	0.149	0.140	8.03
12) CM	1,1-Dichloroet...	0.546	0.523	0.555	0.549	0.533	0.533	0.540	2.22#
13) T	Acrolein		0.176	0.142	0.155	0.144	0.159	0.155	8.66
14) T	Allyl chloride	1.049	1.002	1.086	1.172	1.101	1.144	1.092	5.68
15) T	Acrylonitrile	0.333	0.361	0.354	0.375	0.342	0.379	0.357	4.98
16) T	Acetone	0.497	0.380	0.355	0.373	0.331	0.342	0.380	15.93
17) T	Carbon Disulfide	1.286	1.170	1.335	1.406	1.399	1.411	1.334	7.07
18) T	Methyl Acetate	1.386	1.422	1.423	1.528	1.379	1.501	1.440	4.24
19) T	Methyl tert-bu...	2.083	2.081	2.053	2.233	2.030	2.200	2.113	3.93
20) T	Methylene Chlo...	0.840	0.691	0.659	0.676	0.603	0.658	0.688	11.69
21) T	trans-1,2-Dich...	0.580	0.609	0.617	0.611	0.578	0.604	0.600	2.80
22) T	Diisopropyl ether	2.017	2.145	2.213	2.326	2.112	2.230	2.174	4.93
23) T	Vinyl Acetate	1.319	1.422	1.558	1.717	1.579	1.649	1.541	9.52
24) P	1,1-Dichloroet...	1.199	1.166	1.222	1.257	1.154	1.207	1.201	3.12
25) T	2-Butanone	0.539	0.530	0.515	0.556	0.506	0.543	0.531	3.49
26) T	2,2-Dichloropr...	0.852	0.830	0.929	1.000	0.994	0.999	0.934	8.24
27) T	cis-1,2-Dichlo...	0.602	0.701	0.702	0.718	0.669	0.723	0.686	6.62
28) T	Bromochloromet...	0.626	0.605	0.645	0.669	0.606	0.606	0.626	4.21
29) T	Tetrahydrofuran	0.307	0.340	0.332	0.358	0.328	0.360	0.338	5.87
30) C	Chloroform	1.246	1.282	1.282	1.314	1.207	1.259	1.265	2.89#
31) T	Cyclohexane		0.892	1.044	1.007	1.009	0.949	0.980	6.13
32) T	1,1,1-Trichlor...	1.002	1.004	1.100	1.147	1.098	1.084	1.072	5.39
33) S	1,2-Dichloroet...		1.007	0.914	0.975	0.815	0.857	0.914	8.71
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.347	0.343	0.354	0.314	0.338	0.339	4.54
36) T	1,1-Dichloropr...	0.522	0.451	0.524	0.510	0.506	0.483	0.499	5.56
37) T	Ethyl Acetate	0.625	0.534	0.571	0.595	0.573	0.594	0.582	5.25
38) T	Carbon Tetrach...	0.452	0.408	0.524	0.512	0.523	0.495	0.486	9.55
39) T	Methylcyclohexane	0.515	0.449	0.598	0.549	0.583	0.532	0.538	9.92
40) TM	Benzene	1.355	1.347	1.455	1.457	1.394	1.420	1.405	3.40
41) T	Methacrylonitrile	0.310	0.280	0.323	0.343	0.330	0.339	0.321	7.23
42) TM	1,2-Dichloroet...	0.665	0.580	0.660	0.658	0.625	0.608	0.633	5.44
43) T	Isopropyl Acetate	0.774	0.778	0.890	0.970	0.942	0.990	0.891	10.67
44) TM	Trichloroethene	0.341	0.334	0.362	0.362	0.346	0.361	0.351	3.57
45) C	1,2-Dichloropr...	0.363	0.349	0.384	0.394	0.367	0.383	0.373	4.44#
46) T	Dibromomethane	0.254	0.254	0.271	0.280	0.263	0.274	0.266	4.09
47) T	Bromodichlorom...	0.473	0.430	0.521	0.552	0.539	0.549	0.511	9.56
48) T	Methyl methacr...	0.420	0.386	0.462	0.494	0.482	0.497	0.457	9.83
49) T	1,4-Dioxane	0.007	0.006	0.008	0.009	0.008	0.008	0.008	11.87
50) S	Toluene-d8		1.328	1.238	1.295	1.143	1.198	1.240	5.99
51) T	4-Methyl-2-Pen...	0.510	0.536	0.588	0.609	0.571	0.560	0.562	6.35
52) CM	Toluene	0.823	0.833	0.903	0.937	0.884	0.897	0.879	4.95#
53) T	t-1,3-Dichloro...	0.406	0.415	0.510	0.593	0.601	0.631	0.526	18.66
54) T	cis-1,3-Dichlo...	0.420	0.485	0.575	0.632	0.621	0.652	0.564	16.41
55) T	1,1,2-Trichlor...	0.339	0.347	0.363	0.385	0.362	0.382	0.363	5.01
56) T	Ethyl methacry...	0.407	0.479	0.544	0.614	0.604	0.642	0.548	16.49

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57)	T	1,3-Dichloropr...	0.635	0.607	0.641	0.684	0.637	0.671	0.646	4.31
58)	T	2-Chloroethyl ...	0.260	0.294	0.291	0.326	0.310	0.332	0.302	8.73
59)	T	2-Hexanone	0.365	0.395	0.437	0.467	0.428	0.416	0.418	8.44
60)	T	Dibromochlorom...	0.302	0.286	0.345	0.390	0.384	0.419	0.354	14.87
61)	T	1,2-Dibromoethane	0.328	0.352	0.379	0.408	0.388	0.416	0.379	8.89
62)	S	4-Bromofluorob...		0.499	0.480	0.536	0.486	0.503	0.501	4.37
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.328	0.288	0.328	0.318	0.307	0.298	0.311	5.18
65)	PM	Chlorobenzene	1.051	1.018	1.052	1.059	0.997	1.040	1.036	2.33
66)	T	1,1,1,2-Tetrac...	0.299	0.315	0.373	0.387	0.372	0.399	0.358	11.30
67)	C	Ethyl Benzene	1.704	1.731	1.942	1.965	1.889	1.871	1.850	5.88#
68)	T	m/p-Xylenes	0.606	0.672	0.745	0.740	0.705	0.720	0.698	7.51
69)	T	o-Xylene	0.602	0.657	0.716	0.733	0.694	0.730	0.689	7.37
70)	T	Styrene	0.965	1.055	1.191	1.244	1.186	1.245	1.148	9.86
71)	P	Bromoform	0.206	0.190	0.235	0.273	0.276	0.296	0.246	17.20
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.460	3.373	3.877	3.868	3.852	3.831	3.710	6.19
74)	T	N-amyl acetate	1.409	1.458	1.744	1.835	1.811	1.804	1.677	11.42
75)	P	1,1,2,2-Tetrac...	1.269	1.272	1.285	1.324	1.228	1.244	1.270	2.62
76)	T	1,2,3-Trichlor...	1.076	1.075	1.256	1.289	1.222	1.202	1.187	7.67
77)	T	Bromobenzene	0.892	0.820	0.844	0.880	0.869	0.911	0.869	3.81
78)	T	n-propylbenzene	3.933	3.852	4.664	4.575	4.675	4.488	4.365	8.54
79)	T	2-Chlorotoluene	2.612	2.543	2.885	2.806	2.852	2.774	2.745	5.00
80)	T	1,3,5-Trimethy...	2.701	2.858	3.387	3.328	3.367	3.315	3.159	9.48
81)	T	trans-1,4-Dich...		0.212	0.299	0.369	0.393	0.423	0.339	24.93
82)	T	4-Chlorotoluene	3.056	2.945	3.337	3.298	3.328	3.227	3.199	5.07
83)	T	tert-Butylbenzene	2.605	2.605	3.181	3.144	3.242	3.244	3.003	10.36
84)	T	1,2,4-Trimethy...	2.565	2.930	3.380	3.373	3.369	3.289	3.151	10.62
85)	T	sec-Butylbenzene	3.086	3.326	4.112	3.903	4.126	3.883	3.740	11.55
86)	T	p-Isopropyltol...	2.523	2.755	3.450	3.332	3.485	3.334	3.146	12.86
87)	T	1,3-Dichlorobe...	1.607	1.617	1.698	1.688	1.642	1.693	1.658	2.45
88)	T	1,4-Dichlorobe...	1.760	1.637	1.714	1.708	1.662	1.707	1.698	2.55
89)	T	n-Butylbenzene	2.347	2.365	3.079	2.969	3.200	2.888	2.808	13.02
90)	T	Hexachloroethane	0.371	0.404	0.505	0.525	0.586	0.570	0.494	17.77
91)	T	1,2-Dichlorobe...	1.611	1.615	1.650	1.692	1.555	1.639	1.627	2.80
92)	T	1,2-Dibromo-3-...	0.221	0.238	0.301	0.305	0.305	0.311	0.280	14.24
93)	T	1,2,4-Trichlor...	0.794	0.833	0.983	0.930	0.965	1.029	0.922	9.86
94)	T	Hexachlorobuta...	0.386	0.329	0.395	0.345	0.373	0.360	0.365	6.88
95)	T	Naphthalene	2.563	2.685	3.403	3.392	3.429	3.615	3.181	13.85
96)	T	1,2,3-Trichlor...	0.820	0.851	0.984	0.936	0.961	0.997	0.925	7.89

(#) = Out of Range