

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : 82X083022W.M
 Title : SW846 8260
 Last Update : Tue Aug 30 14:24:53 2022
 Response Via : Initial Calibration

Calibration Files

1 =VX030928.D 5 =VX030929.D 20 =VX030936.D 50 =VX030937.D 100 =VX030938.D 10 =VX030935.D

	Compound	1	5	20	50	100	10	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.488	0.588	0.515	0.532	0.514	0.537	0.529	6.38
3) P	Chloromethane	0.618	0.592	0.500	0.497	0.462	0.530	0.533	11.30
4) C	Vinyl Chloride	0.636	0.719	0.626	0.591	0.592	0.616	0.630	7.50#
5) T	Bromomethane		0.309	0.227	0.197	0.186	0.255	0.235	21.07
6) T	Chloroethane	0.432	0.434	0.365	0.345	0.334	0.363	0.379	11.48
7) T	Trichlorofluor...	0.949	1.092	0.960	0.892	0.880	0.975	0.958	7.89
8) T	Diethyl Ether	0.398	0.402	0.377	0.336	0.345	0.360	0.370	7.40
9) T	1,1,2-Trichlor...	0.614	0.684	0.621	0.569	0.570	0.638	0.616	7.06
10) T	Methyl Iodide		0.377	0.444	0.544	0.607	0.353	0.465	23.41
11) T	Tert butyl alc...		0.178	0.178	0.160	0.157	0.177	0.170	6.22
12) CM	1,1-Dichloroet...	0.628	0.660	0.618	0.568	0.573	0.599	0.608	5.75#
13) T	Acrolein		0.031	0.084	0.081	0.089	0.105	0.078	35.91
14) T	Allyl chloride	0.940	1.086	1.005	0.949	0.932	1.004	0.986	5.94
15) T	Acrylonitrile	0.350	0.403	0.396	0.364	0.358	0.380	0.375	5.70
16) T	Acetone	0.358	0.346	0.315	0.296	0.286	0.341	0.324	8.98
17) T	Carbon Disulfide	1.821	1.702	1.554	1.486	1.517	1.543	1.604	8.10
18) T	Methyl Acetate	0.970	1.084	0.970	0.871	0.858	0.944	0.949	8.60
19) T	Methyl tert-bu...	1.802	2.160	2.068	1.912	1.943	1.990	1.979	6.32
20) T	Methylene Chlo...	0.865	0.799	0.725	0.649	0.646	0.731	0.736	11.60
21) T	trans-1,2-Dich...	0.705	0.689	0.675	0.620	0.619	0.644	0.659	5.54
22) T	Diisopropyl ether	1.930	2.291	2.095	1.908	1.886	2.079	2.031	7.64
23) T	Vinyl Acetate	1.477	1.760	1.712	1.596	1.577	1.656	1.630	6.24
24) P	1,1-Dichloroet...	1.119	1.315	1.223	1.131	1.123	1.226	1.190	6.61
25) T	2-Butanone	0.528	0.556	0.532	0.501	0.488	0.539	0.524	4.78
26) T	2,2-Dichloropr...	0.883	0.962	0.922	0.850	0.852	0.910	0.896	4.84
27) T	cis-1,2-Dichlo...	0.746	0.832	0.762	0.726	0.728	0.762	0.759	5.09
28) T	Bromochloromet...	0.407	0.470	0.380	0.340	0.354	0.357	0.385	12.44
29) T	Tetrahydrofuran	0.343	0.365	0.348	0.325	0.319	0.333	0.339	4.91
30) C	Chloroform	1.229	1.368	1.246	1.146	1.165	1.251	1.234	6.36#
31) T	Cyclohexane		1.184	1.067	1.006	0.994	1.057	1.061	7.09
32) T	1,1,1-Trichlor...	1.021	1.124	1.076	1.003	1.006	1.047	1.046	4.51
33) S	1,2-Dichloroet...		0.703	0.713	0.667	0.706	0.796	0.717	6.66
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...		0.356	0.361	0.347	0.372	0.407	0.369	6.27
36) T	1,1-Dichloropr...	0.570	0.586	0.562	0.513	0.507	0.549	0.548	5.80
37) T	Ethyl Acetate	0.555	0.633	0.592	0.557	0.545	0.574	0.576	5.64
38) T	Carbon Tetrach...	0.475	0.547	0.536	0.514	0.509	0.548	0.522	5.33
39) T	Methylcyclohexane	0.659	0.683	0.688	0.658	0.641	0.691	0.670	3.00
40) TM	Benzene	1.528	1.712	1.604	1.521	1.494	1.614	1.579	5.12
41) T	Methacrylonitrile	0.280	0.341	0.324	0.307	0.298	0.326	0.313	7.08
42) TM	1,2-Dichloroet...	0.484	0.587	0.537	0.513	0.493	0.533	0.524	7.09
43) T	Isopropyl Acetate	0.909	0.944	0.914	0.869	0.846	0.880	0.894	3.95
44) TM	Trichloroethene	0.522	0.482	0.456	0.427	0.425	0.478	0.465	7.98
45) C	1,2-Dichloropr...	0.429	0.439	0.436	0.404	0.395	0.425	0.421	4.27#
46) T	Dibromomethane	0.271	0.307	0.289	0.279	0.279	0.303	0.288	5.04
47) T	Bromodichlorom...	0.534	0.593	0.553	0.551	0.528	0.560	0.553	4.13
48) T	Methyl methacr...	0.435	0.444	0.463	0.445	0.412	0.485	0.447	5.54
49) T	1,4-Dioxane	0.012	0.011	0.013	0.012	0.011	0.012	0.012	5.09
50) S	Toluene-d8		1.261	1.354	1.316	1.392	1.501	1.365	6.62
51) T	4-Methyl-2-Pen...	0.561	0.626	0.610	0.603	0.544	0.595	0.590	5.30
52) CM	Toluene	0.838	1.059	1.029	0.952	0.940	0.970	0.965	8.02#
53) T	t-1,3-Dichloro...	0.469	0.572	0.586	0.576	0.583	0.563	0.558	7.95
54) T	cis-1,3-Dichlo...	0.587	0.668	0.656	0.648	0.632	0.641	0.639	4.44
55) T	1,1,2-Trichlor...	0.401	0.467	0.425	0.402	0.399	0.418	0.418	6.18
56) T	Ethyl methacry...	0.508	0.646	0.642	0.626	0.633	0.622	0.613	8.52

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57)	T	1,3-Dichloropr...	0.650	0.751	0.709	0.670	0.650	0.711	0.690	5.89
58)	T	2-Chloroethyl ...	0.248	0.336	0.325	0.315	0.312	0.310	0.308	9.99
59)	T	2-Hexanone	0.393	0.457	0.464	0.442	0.427	0.448	0.439	5.84
60)	T	Dibromochlorom...	0.372	0.442	0.422	0.418	0.423	0.418	0.416	5.62
61)	T	1,2-Dibromoethane	0.395	0.445	0.451	0.438	0.427	0.437	0.432	4.62
62)	S	4-Bromofluorob...	0.423	0.486	0.476	0.510	0.535	0.486		8.68
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.479	0.517	0.476	0.452	0.443	0.472	0.473	5.46
65)	PM	Chlorobenzene	1.151	1.295	1.215	1.137	1.114	1.183	1.182	5.54
66)	T	1,1,1,2-Tetrac...	0.390	0.455	0.433	0.412	0.414	0.409	0.419	5.32
67)	C	Ethyl Benzene	1.900	2.303	2.207	2.043	2.024	2.106	2.097	6.81#
68)	T	m/p-Xylenes	0.672	0.843	0.843	0.797	0.788	0.823	0.794	8.06
69)	T	o-Xylene	0.658	0.839	0.816	0.797	0.771	0.784	0.777	8.15
70)	T	Styrene	1.155	1.398	1.373	1.345	1.302	1.301	1.312	6.56
71)	P	Bromoform	0.273	0.354	0.335	0.344	0.350	0.315	0.329	9.22
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.394	4.489	4.107	3.770	3.789	4.185	3.956	9.71
74)	T	N-amyl acetate	1.429	1.669	1.554	1.478	1.539	1.507	1.529	5.35
75)	P	1,1,2,2-Tetrac...	1.310	1.585	1.351	1.242	1.244	1.399	1.355	9.46
76)	T	1,2,3-Trichlor...	1.287	1.250	1.241	1.165	1.155	1.288	1.231	4.74
77)	T	Bromobenzene	0.877	1.113	0.975	0.890	0.919	0.978	0.959	9.02
78)	T	n-propylbenzene	3.941	5.100	5.013	4.503	4.488	4.769	4.636	9.14
79)	T	2-Chlorotoluene	2.784	3.258	2.827	2.716	2.649	3.042	2.879	7.94
80)	T	1,3,5-Trimethy...	2.795	3.728	3.450	3.258	3.289	3.480	3.333	9.38
81)	T	trans-1,4-Dich...	0.434	0.404	0.413	0.434	0.384	0.414		5.10
82)	T	4-Chlorotoluene	3.113	3.578	3.236	3.013	3.056	3.317	3.219	6.50
83)	T	tert-Butylbenzene	2.912	3.650	3.450	3.197	3.097	3.326	3.272	8.00
84)	T	1,2,4-Trimethy...	2.867	3.711	3.673	3.487	3.297	3.439	3.412	9.02
85)	T	sec-Butylbenzene	3.454	4.638	4.585	4.187	4.151	4.466	4.247	10.30
86)	T	p-Isopropyltol...	3.039	3.909	3.718	3.397	3.468	3.608	3.523	8.49
87)	T	1,3-Dichlorobe...	1.894	2.028	1.916	1.844	1.779	1.878	1.890	4.39
88)	T	1,4-Dichlorobe...	2.030	2.059	1.926	1.818	1.810	1.984	1.938	5.48
89)	T	n-Butylbenzene	3.009	3.512	3.470	3.297	3.193	3.304	3.298	5.59
90)	T	Hexachloroethane	0.576	0.673	0.619	0.607	0.607	0.630	0.619	5.24
91)	T	1,2-Dichlorobe...	1.797	2.134	1.985	1.850	1.800	1.937	1.917	6.79
92)	T	1,2-Dibromo-3-...	0.317	0.360	0.361	0.346	0.307	0.338	0.338	6.60
93)	T	1,2,4-Trichlor...	1.166	1.297	1.247	1.215	1.167	1.261	1.226	4.31
94)	T	Hexachlorobuta...	0.525	0.568	0.513	0.500	0.488	0.528	0.520	5.37
95)	T	Naphthalene	3.824	4.520	4.754	4.532	4.213	4.456	4.383	7.40
96)	T	1,2,3-Trichlor...	1.151	1.277	1.311	1.232	1.186	1.268	1.237	4.86

(#) = Out of Range