

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y072221S.M
 Title : SW846 8260
 Last Update : Fri Jul 23 06:20:14 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY005407.D 10 =VY005408.D 20 =VY005409.D 50 =VY005414.D 100 =VY005411.D 150 =VY005412.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.485	0.553	0.477	0.389	0.419	0.393	0.453	14.18
3) P	Chloromethane	0.587	0.617	0.533	0.495	0.546	0.552	0.555	7.65
4) C	Vinyl Chloride	0.747	0.719	0.632	0.591	0.649	0.627	0.661	9.03#
5) T	Bromomethane	0.570	0.535	0.452	0.488	0.438	0.414	0.483	12.42
6) T	Chloroethane	0.439	0.461	0.394	0.414	0.421	0.362	0.415	8.29
7) T	Trichlorofluor...	0.935	0.952	0.835	0.844	0.874	0.744	0.864	8.73
8) T	Diethyl Ether	0.312	0.343	0.277	0.304	0.317	0.272	0.304	8.74
9) T	1,1,2-Trichlor...	0.504	0.522	0.443	0.448	0.495	0.407	0.470	9.40
10) T	Methyl Iodide	0.474	0.540	0.505	0.516	0.629	0.534	0.533	9.84
11) T	Tert butyl alc...	0.059	0.055	0.045	0.044	0.056	0.044	0.050	13.63
12) CM	1,1-Dichloroet...	0.504	0.518	0.455	0.463	0.505	0.423	0.478	7.72#
13) T	Acrolein	0.051	0.059	0.045	0.037	0.047	0.039	0.046	17.04
14) T	Allyl chloride	0.881	0.930	0.792	0.834	0.916	0.780	0.855	7.40
15) T	Acrylonitrile	0.161	0.166	0.134	0.146	0.165	0.135	0.151	9.77
16) T	Acetone	0.143	0.136	0.109	0.104	0.133	0.106	0.122	14.35
17) T	Carbon Disulfide	1.690	1.766	1.497	1.510	1.651	1.370	1.581	9.28
18) T	Methyl Acetate	0.387	0.370	0.305	0.322	0.369	0.304	0.343	10.68
19) T	Methyl tert-bu...	1.450	1.522	1.303	1.476	1.561	1.342	1.442	7.00
20) T	Methylene Chlo...	1.105	0.807	0.632	0.636	0.579	0.482	0.707	31.40
21) T	trans-1,2-Dich...	0.565	0.580	0.494	0.532	0.566	0.485	0.537	7.43
22) T	Diisopropyl ether	1.519	1.884	1.616	1.737	1.614	1.593	1.660	7.83
23) T	Vinyl Acetate	0.966	1.221	1.041	1.166	1.097	1.062	1.092	8.33
24) P	1,1-Dichloroet...	0.849	1.041	0.887	0.952	0.891	0.871	0.915	7.69
25) T	2-Butanone	0.173	0.209	0.167	0.178	0.190	0.177	0.183	8.25
26) T	2,2-Dichloropr...	0.813	0.937	0.814	0.842	0.805	0.782	0.832	6.57
27) T	cis-1,2-Dichlo...	0.541	0.639	0.548	0.603	0.563	0.553	0.574	6.66
28) T	Bromochloromet...	0.362	0.400	0.398	0.370	0.345	0.336	0.368	7.11
29) T	Tetrahydrofuran	0.118	0.120	0.116	0.124	0.128	0.119	0.121	3.60
30) C	Chloroform	0.885	0.910	0.887	0.982	0.896	0.872	0.905	4.39#
31) T	Cyclohexane	1.016	0.950	0.902	0.896	0.878	0.830	0.912	7.02
32) T	1,1,1-Trichlor...	0.794	0.854	0.838	0.898	0.841	0.805	0.838	4.40
33) S	1,2-Dichloroet...	0.535	0.493	0.503	0.593	0.556	0.525	0.534	6.82
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.279	0.267	0.276	0.317	0.304	0.290	0.289	6.43
36) T	1,1-Dichloropr...	0.461	0.479	0.487	0.503	0.497	0.474	0.483	3.19
37) T	Ethyl Acetate	0.273	0.348	0.271	0.306	0.295	0.272	0.294	10.29
38) T	Carbon Tetrach...	0.513	0.537	0.534	0.550	0.533	0.501	0.528	3.38
39) T	Methylcyclohexane	0.607	0.620	0.614	0.635	0.646	0.599	0.620	2.84
40) TM	Benzene	1.342	1.372	1.393	1.467	1.411	1.350	1.389	3.31
41) T	Methacrylonitrile	0.134	0.150	0.161	0.170	0.156	0.155	0.154	7.68
42) TM	1,2-Dichloroet...	0.438	0.451	0.445	0.481	0.452	0.430	0.449	3.93
43) T	Isopropyl Acetate	0.487	0.530	0.501	0.572	0.571	0.536	0.533	6.58
44) TM	Trichloroethene	0.375	0.373	0.374	0.396	0.381	0.360	0.377	3.09
45) C	1,2-Dichloropr...	0.316	0.343	0.345	0.362	0.350	0.336	0.342	4.47#
46) T	Dibromomethane	0.175	0.191	0.186	0.201	0.194	0.183	0.188	4.72
47) T	Bromodichlorom...	0.440	0.471	0.467	0.513	0.482	0.465	0.473	5.06
48) T	Methyl methacr...	0.231	0.246	0.232	0.263	0.264	0.250	0.248	5.82
49) T	1,4-Dioxane	0.002	0.003	0.003	0.003	0.003	0.003	0.003	8.11
50) S	Toluene-d8	1.175	1.113	1.181	1.342	1.304	1.227	1.224	7.03
51) T	4-Methyl-2-Pen...	0.265	0.282	0.268	0.300	0.302	0.279	0.283	5.53
52) CM	Toluene	0.820	0.882	0.877	0.941	0.912	0.861	0.882	4.75#
53) T	t-1,3-Dichloro...	0.498	0.516	0.520	0.569	0.552	0.522	0.529	4.90
54) T	cis-1,3-Dichlo...	0.550	0.571	0.580	0.623	0.597	0.571	0.582	4.33
55) T	1,1,2-Trichlor...	0.255	0.272	0.267	0.291	0.276	0.262	0.270	4.63
56) T	Ethyl methacry...	0.367	0.398	0.386	0.446	0.438	0.413	0.408	7.52

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57)	T	1,3-Dichloropr...	0.462	0.477	0.473	0.515	0.492	0.466	0.481	4.09
58)	T	2-Chloroethyl ...	0.175	0.177	0.179	0.214	0.216	0.209	0.195	10.14
59)	T	2-Hexanone	0.185	0.197	0.185	0.209	0.217	0.195	0.198	6.41
60)	T	Dibromochlorom...	0.314	0.323	0.320	0.361	0.341	0.321	0.330	5.29
61)	T	1,2-Dibromoethane	0.236	0.259	0.249	0.277	0.263	0.251	0.256	5.44
62)	S	4-Bromofluorob...	0.388	0.373	0.398	0.441	0.426	0.397	0.404	6.20
63)	I	Chlorobenzene-d5	-----ISTD-----							
64)	T	Tetrachloroethene	0.378	0.383	0.382	0.390	0.380	0.352	0.378	3.45
65)	PM	Chlorobenzene	0.986	1.029	1.026	1.073	1.035	0.995	1.024	3.03
66)	T	1,1,1,2-Tetrac...	0.365	0.377	0.375	0.407	0.390	0.380	0.382	3.80
67)	C	Ethyl Benzene	1.764	1.823	1.851	1.959	1.931	1.858	1.864	3.83#
68)	T	m/p-Xylenes	0.689	0.709	0.719	0.756	0.751	0.720	0.724	3.53
69)	T	o-Xylene	0.654	0.671	0.678	0.726	0.717	0.686	0.689	3.99
70)	T	Styrene	1.066	1.136	1.159	1.257	1.224	1.174	1.169	5.73
71)	P	Bromoform	0.236	0.237	0.236	0.268	0.253	0.236	0.244	5.43
72)	I	1,4-Dichlorobenzen...	-----ISTD-----							
73)	T	Isopropylbenzene	3.207	3.349	3.399	3.694	3.606	3.433	3.448	5.11
74)	T	N-amyl acetate	0.935	1.005	0.996	1.141	1.135	1.087	1.050	7.96
75)	P	1,1,2,2-Tetrac...	0.625	0.641	0.628	0.707	0.688	0.661	0.658	5.06
76)	T	1,2,3-Trichlor...	0.468	0.493	0.475	0.518	0.505	0.492	0.492	3.77
77)	T	Bromobenzene	0.806	0.816	0.827	0.913	0.864	0.840	0.844	4.66
78)	T	n-propylbenzene	3.943	4.087	4.110	4.410	4.337	4.073	4.160	4.25
79)	T	2-Chlorotoluene	2.239	2.271	2.296	2.497	2.408	2.308	2.337	4.16
80)	T	1,3,5-Trimethy...	2.695	2.839	2.859	3.083	2.980	2.825	2.880	4.68
81)	T	trans-1,4-Dich...	0.242	0.253	0.238	0.266	0.268	0.253	0.253	4.87
82)	T	4-Chlorotoluene	2.310	2.380	2.398	2.558	2.487	2.378	2.418	3.67
83)	T	tert-Butylbenzene	2.398	2.531	2.539	2.730	2.686	2.507	2.565	4.78
84)	T	1,2,4-Trimethy...	2.723	2.806	2.856	3.085	2.999	2.863	2.889	4.56
85)	T	sec-Butylbenzene	3.500	3.645	3.674	3.917	3.877	3.588	3.700	4.44
86)	T	p-Isopropyltol...	2.988	3.136	3.152	3.350	3.357	3.132	3.186	4.48
87)	T	1,3-Dichlorobe...	1.579	1.617	1.620	1.774	1.704	1.642	1.656	4.29
88)	T	1,4-Dichlorobe...	1.602	1.646	1.625	1.727	1.669	1.576	1.641	3.24
89)	T	n-Butylbenzene	2.805	2.903	2.890	3.045	3.073	2.830	2.924	3.79
90)	T	Hexachloroethane	0.529	0.562	0.568	0.611	0.600	0.566	0.573	5.09
91)	T	1,2-Dichlorobe...	1.448	1.466	1.463	1.570	1.499	1.426	1.479	3.44
92)	T	1,2-Dibromo-3-...	0.124	0.131	0.122	0.131	0.133	0.125	0.128	3.58
93)	T	1,2,4-Trichlor...	1.014	1.009	0.990	1.057	1.067	0.984	1.020	3.40
94)	T	Hexachlorobuta...	0.651	0.665	0.626	0.663	0.674	0.601	0.647	4.30
95)	T	Naphthalene	1.978	1.972	1.921	2.163	2.209	2.072	2.052	5.61
96)	T	1,2,3-Trichlor...	0.929	0.916	0.871	0.960	0.950	0.891	0.920	3.74

(#) = Out of Range