

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : 82Y061521S.M
 Title : SW846 8260
 Last Update : Wed Jun 16 04:31:22 2021
 Response Via : Initial Calibration

Calibration Files

5 =VY005140.D 10 =VY005141.D 20 =VY005142.D 50 =VY005143.D 100 =VY005144.D 150 =VY005145.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.586	0.656	0.588	0.512	0.509	0.464	0.552	12.68
3) P	Chloromethane	0.614	0.624	0.596	0.546	0.542	0.497	0.570	8.68
4) C	Vinyl Chloride	0.574	0.596	0.561	0.526	0.536	0.488	0.547	6.98#
5) T	Bromomethane	0.346	0.331	0.314	0.303	0.302	0.276	0.312	7.90
6) T	Chloroethane	0.316	0.323	0.320	0.312	0.307	0.287	0.311	4.24
7) T	Trichlorofluor...	0.954	0.969	0.945	0.906	0.901	0.810	0.914	6.31
8) T	Diethyl Ether	0.326	0.311	0.305	0.294	0.283	0.264	0.297	7.44
9) T	1,1,2-Trichlor...	0.521	0.530	0.513	0.480	0.480	0.445	0.495	6.49
10) T	Methyl Iodide	0.558	0.574	0.555	0.552	0.567	0.532	0.556	2.63
11) T	Tert butyl alc...	0.061	0.045	0.055	0.049	0.042	0.041	0.049	16.30
12) CM	1,1-Dichloroet...	0.484	0.520	0.497	0.486	0.477	0.445	0.485	5.04#
13) T	Acrolein	0.053	0.049	0.056	0.045	0.041	0.038	0.047	14.70
14) T	Allyl chloride	0.687	0.701	0.698	0.677	0.666	0.624	0.676	4.19
15) T	Acrylonitrile	0.146	0.125	0.146	0.137	0.125	0.120	0.133	8.38
16) T	Acetone	0.116	0.093	0.109	0.098	0.089	0.085	0.098	12.06
17) T	Carbon Disulfide	1.534	1.601	1.522	1.412	1.360	1.237	1.444	9.28
18) T	Methyl Acetate	0.322	0.285	0.315	0.293	0.262	0.254	0.289	9.41
19) T	Methyl tert-bu...	1.332	1.281	1.404	1.364	1.316	1.256	1.325	4.07
20) T	Methylene Chlo...	1.034	0.776	0.668	0.554	0.518	0.481	0.672	30.91
21) T	trans-1,2-Dich...	0.536	0.553	0.528	0.519	0.517	0.482	0.523	4.52
22) T	Diisopropyl ether	1.384	1.400	1.434	1.388	1.337	1.261	1.367	4.43
23) T	Vinyl Acetate	0.910	0.893	0.972	0.938	0.876	0.823	0.902	5.73
24) P	1,1-Dichloroet...	0.893	0.902	0.890	0.853	0.839	0.787	0.861	5.10
25) T	2-Butanone	0.156	0.140	0.167	0.157	0.142	0.136	0.150	8.23
26) T	2,2-Dichloropr...	0.830	0.852	0.857	0.820	0.817	0.761	0.823	4.21
27) T	cis-1,2-Dichlo...	0.576	0.585	0.579	0.561	0.564	0.537	0.567	3.02
28) T	Bromochloromet...	0.377	0.341	0.351	0.309	0.289	0.270	0.323	12.60
29) T	Tetrahydrofuran	0.107	0.093	0.113	0.108	0.096	0.092	0.102	8.84
30) C	Chloroform	0.928	0.942	0.958	0.916	0.913	0.855	0.919	3.85#
31) T	Cyclohexane	0.955	0.874	0.815	0.774	0.781	0.735	0.822	9.75
32) T	1,1,1-Trichlor...	0.904	0.918	0.905	0.885	0.880	0.822	0.885	3.85
33) S	1,2-Dichloroet...	0.497	0.535	0.530	0.459	0.446	0.434	0.483	9.00
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.267	0.301	0.282	0.236	0.221	0.198	0.251	15.64
36) T	1,1-Dichloropr...	0.469	0.480	0.466	0.453	0.454	0.426	0.458	4.11
37) T	Ethyl Acetate	0.258	0.222	0.251	0.242	0.216	0.209	0.233	8.64
38) T	Carbon Tetrach...	0.436	0.495	0.495	0.502	0.512	0.477	0.486	5.54
39) T	Methylcyclohexane	0.540	0.585	0.570	0.580	0.585	0.546	0.568	3.55
40) TM	Benzene	1.318	1.366	1.350	1.293	1.287	1.212	1.304	4.21
41) T	Methacrylonitrile	0.111	0.129	0.145	0.145	0.136	0.108	0.129	12.73
42) TM	1,2-Dichloroet...	0.419	0.407	0.432	0.414	0.397	0.371	0.407	5.12
43) T	Isopropyl Acetate	0.433	0.405	0.467	0.446	0.417	0.397	0.428	6.20
44) TM	Trichloroethene	0.382	0.400	0.394	0.383	0.382	0.356	0.383	3.98
45) C	1,2-Dichloropr...	0.301	0.305	0.315	0.298	0.296	0.276	0.299	4.34#
46) T	Dibromomethane	0.186	0.188	0.195	0.192	0.185	0.171	0.186	4.43
47) T	Bromodichlorom...	0.438	0.460	0.467	0.455	0.450	0.419	0.448	3.88
48) T	Methyl methacr...	0.201	0.183	0.202	0.197	0.186	0.179	0.191	5.05
49) T	1,4-Dioxane	0.002	0.002	0.003	0.003	0.002	0.002	0.002	10.39
50) S	Toluene-d8	1.027	1.232	1.170	1.001	0.997	0.965	1.065	10.21
51) T	4-Methyl-2-Pen...	0.223	0.205	0.242	0.233	0.209	0.200	0.219	7.63
52) CM	Toluene	0.808	0.859	0.861	0.836	0.832	0.782	0.830	3.66#
53) T	t-1,3-Dichloro...	0.459	0.479	0.513	0.491	0.483	0.452	0.479	4.58
54) T	cis-1,3-Dichlo...	0.519	0.548	0.559	0.536	0.525	0.497	0.531	4.14
55) T	1,1,2-Trichlor...	0.260	0.262	0.272	0.264	0.253	0.239	0.258	4.39
56) T	Ethyl methacry...	0.326	0.323	0.373	0.373	0.358	0.341	0.349	6.42

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57)	T	1,3-Dichloropr...	0.419	0.452	0.455	0.451	0.435	0.409	0.437	4.40
58)	T	2-Chloroethyl ...	0.154	0.148	0.176	0.153	0.146	0.144	0.153	7.52
59)	T	2-Hexanone	0.144	0.139	0.169	0.165	0.150	0.141	0.151	8.46
60)	T	Dibromochlorom...	0.304	0.316	0.343	0.331	0.325	0.309	0.321	4.50
61)	T	1,2-Dibromoethane	0.251	0.256	0.268	0.256	0.250	0.233	0.252	4.51
62)	S	4-Bromofluorob...	0.346	0.403	0.384	0.343	0.347	0.327	0.358	8.03
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.443	0.462	0.461	0.456	0.444	0.411	0.446	4.27
65)	PM	Chlorobenzene	0.990	1.026	1.007	0.990	0.985	0.922	0.986	3.57
66)	T	1,1,1,2-Tetrac...	0.357	0.383	0.379	0.367	0.366	0.342	0.366	4.05
67)	C	Ethyl Benzene	1.671	1.787	1.794	1.763	1.786	1.664	1.744	3.47#
68)	T	m/p-Xylenes	0.665	0.707	0.709	0.691	0.695	0.647	0.686	3.59
69)	T	o-Xylene	0.601	0.660	0.658	0.662	0.668	0.621	0.645	4.25
70)	T	Styrene	1.028	1.113	1.130	1.115	1.119	1.042	1.091	4.05
71)	P	Bromoform	0.218	0.224	0.233	0.234	0.226	0.209	0.224	4.26
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	3.350	3.613	3.506	3.548	3.559	3.398	3.496	2.90
74)	T	N-amyl acetate	0.783	0.776	0.856	0.863	0.815	0.785	0.813	4.73
75)	P	1,1,2,2-Tetrac...	0.651	0.603	0.642	0.612	0.573	0.562	0.607	5.87
76)	T	1,2,3-Trichlor...	0.396	0.466	0.484	0.469	0.438	0.432	0.448	7.13
77)	T	Bromobenzene	0.831	0.870	0.834	0.841	0.821	0.794	0.832	2.99
78)	T	n-propylbenzene	4.090	4.341	4.159	4.215	4.232	4.034	4.178	2.61
79)	T	2-Chlorotoluene	2.288	2.431	2.358	2.336	2.349	2.254	2.336	2.61
80)	T	1,3,5-Trimethy...	2.837	3.084	3.043	3.040	3.036	2.872	2.985	3.47
81)	T	trans-1,4-Dich...	0.261	0.234	0.254	0.244	0.227	0.221	0.240	6.45
82)	T	4-Chlorotoluene	2.400	2.521	2.448	2.405	2.423	2.294	2.415	3.06
83)	T	tert-Butylbenzene	2.515	2.678	2.614	2.657	2.684	2.527	2.613	2.88
84)	T	1,2,4-Trimethy...	2.813	3.024	3.003	3.029	3.004	2.822	2.949	3.48
85)	T	sec-Butylbenzene	3.632	3.919	3.781	3.812	3.846	3.590	3.763	3.38
86)	T	p-Isopropyltol...	3.123	3.297	3.228	3.318	3.312	3.097	3.229	3.04
87)	T	1,3-Dichlorobe...	1.630	1.683	1.654	1.626	1.622	1.527	1.624	3.23
88)	T	1,4-Dichlorobe...	1.659	1.698	1.641	1.616	1.611	1.514	1.623	3.84
89)	T	n-Butylbenzene	2.898	3.041	2.930	2.993	3.003	2.770	2.939	3.33
90)	T	Hexachloroethane	0.529	0.560	0.512	0.515	0.538	0.503	0.526	3.95
91)	T	1,2-Dichlorobe...	1.468	1.509	1.501	1.466	1.457	1.360	1.460	3.63
92)	T	1,2-Dibromo-3-...	0.138	0.116	0.125	0.124	0.114	0.109	0.121	8.59
93)	T	1,2,4-Trichlor...	0.858	0.946	0.936	0.968	1.011	0.904	0.937	5.61
94)	T	Hexachlorobuta...	0.531	0.565	0.533	0.555	0.565	0.500	0.542	4.70
95)	T	Naphthalene	1.801	1.803	2.026	2.110	2.146	1.951	1.973	7.55
96)	T	1,2,3-Trichlor...	0.795	0.839	0.837	0.860	0.905	0.801	0.839	4.79

(#) = Out of Range