

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N061021W.M
 Title : SW846 8260
 Last Update : Thu Jun 10 12:10:18 2021
 Response Via : Initial Calibration

Calibration Files

5 =VN067259.D 10 =VN067260.D 20 =VN067261.D 50 =VN067262.D 100 =VN067263.D 150 =VN067264.D

	Compound	5	10	20	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluo...	0.643	0.560	0.569	0.644	0.670	0.646	0.622	7.33
3) P	Chloromethane	0.870	0.729	0.730	0.834	0.816	0.807	0.798	7.13
4) C	Vinyl Chloride	0.813	0.687	0.717	0.799	0.817	0.797	0.771	7.17#
5) T	Bromomethane	0.417	0.341	0.343	0.374	0.324	0.298	0.350	11.81
6) T	Chloroethane	0.501	0.416	0.413	0.479	0.459	0.451	0.453	7.64
7) T	Trichlorofluor...	1.038	0.898	0.888	1.010	1.032	0.991	0.976	6.83
8) T	Diethyl Ether	0.461	0.393	0.373	0.433	0.441	0.417	0.420	7.72
9) T	1,1,2-Trichlor...	0.592	0.511	0.525	0.587	0.601	0.580	0.566	6.73
10) T	Methyl Iodide	0.543	0.522	0.555	0.668	0.710	0.684	0.613	13.46
11) T	Tert butyl alc...	0.158	0.148	0.146	0.169	0.169	0.174	0.161	7.32
12) CM	1,1-Dichloroet...	0.591	0.488	0.507	0.566	0.572	0.559	0.547	7.41#
13) T	Acrolein	0.078	0.054	0.054	0.066	0.069	0.067	0.065	14.75
14) T	Allyl chloride	1.343	1.200	1.231	1.387	1.425	1.383	1.328	6.89
15) T	Acrylonitrile	0.330	0.307	0.324	0.371	0.380	0.375	0.348	8.99
16) T	Acetone	0.439	0.393	0.355	0.374	0.368	0.361	0.382	8.14
17) T	Carbon Disulfide	1.776	1.418	1.442	1.616	1.687	1.657	1.600	8.84
18) T	Methyl Acetate	0.919	1.004	1.031	1.127	1.165	1.127	1.062	8.81
19) T	Methyl tert-bu...	2.215	1.971	2.033	2.275	2.350	2.269	2.186	6.86
20) T	Methylene Chlo...	0.726	0.628	0.645	0.695	0.719	0.694	0.684	5.79
21) T	trans-1,2-Dich...	0.593	0.546	0.552	0.619	0.633	0.618	0.593	6.17
22) T	Diisopropyl ether	2.397	2.105	2.243	2.467	2.580	2.493	2.381	7.40
23) T	Vinyl Acetate	2.284	2.030	2.094	2.375	2.472	2.400	2.276	7.80
24) P	1,1-Dichloroet...	1.378	1.240	1.262	1.400	1.439	1.391	1.352	5.99
25) T	2-Butanone	0.594	0.539	0.534	0.604	0.615	0.606	0.582	6.15
26) T	2,2-Dichloropr...	1.355	1.220	1.214	1.353	1.352	1.303	1.300	5.14
27) T	cis-1,2-Dichlo...	0.737	0.649	0.671	0.757	0.776	0.757	0.725	7.16
28) T	Bromochloromet...	0.714	0.547	0.613	0.664	0.706	0.719	0.660	10.40
29) T	Tetrahydrofuran	0.300	0.292	0.309	0.353	0.360	0.355	0.328	9.45
30) C	Chloroform	1.367	1.227	1.243	1.398	1.428	1.388	1.342	6.36#
31) T	Cyclohexane	1.414	1.147	1.050	1.116	1.143	1.107	1.163	10.99
32) T	1,1,1-Trichlor...	1.246	1.139	1.147	1.287	1.314	1.278	1.235	6.05
33) S	1,2-Dichloroet...	1.055	0.856	0.852	0.935	0.980	0.992	0.945	8.51
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorom...	0.344	0.292	0.288	0.313	0.333	0.341	0.319	7.75
36) T	1,1-Dichloropr...	0.563	0.480	0.473	0.536	0.563	0.562	0.530	8.01
37) T	Ethyl Acetate	0.530	0.551	0.545	0.625	0.659	0.657	0.595	9.93
38) T	Carbon Tetrach...	0.565	0.499	0.504	0.570	0.590	0.586	0.552	7.32
39) T	Methylcyclohexane	0.611	0.494	0.497	0.568	0.593	0.584	0.558	9.00
40) TM	Benzene	1.557	1.368	1.390	1.554	1.616	1.597	1.514	7.08
41) T	Methacrylonitrile	0.284	0.289	0.300	0.341	0.359	0.358	0.322	10.75
42) TM	1,2-Dichloroet...	0.659	0.555	0.572	0.644	0.664	0.650	0.624	7.65
43) T	Isopropyl Acetate	1.092	0.983	1.003	1.147	1.193	1.179	1.100	8.16
44) TM	Trichloroethene	0.367	0.311	0.322	0.356	0.373	0.367	0.349	7.54
45) C	1,2-Dichloropr...	0.436	0.381	0.391	0.439	0.460	0.453	0.427	7.72#
46) T	Dibromomethane	0.273	0.250	0.249	0.275	0.291	0.288	0.271	6.58
47) T	Bromodichlorom...	0.604	0.553	0.553	0.629	0.647	0.643	0.605	7.11
48) T	Methyl methacr...	0.508	0.453	0.461	0.531	0.560	0.562	0.513	9.29
49) T	1,4-Dioxane	0.006	0.005	0.006	0.007	0.007	0.007	0.006	10.28
50) S	Toluene-d8	1.344	1.125	1.112	1.235	1.329	1.369	1.252	9.05
51) T	4-Methyl-2-Pen...	0.632	0.584	0.592	0.685	0.713	0.721	0.654	9.21
52) CM	Toluene	0.998	0.853	0.857	0.982	1.019	1.010	0.953	8.09#
53) T	t-1,3-Dichloro...	0.715	0.634	0.626	0.727	0.761	0.764	0.704	8.61
54) T	cis-1,3-Dichlo...	0.746	0.639	0.658	0.733	0.766	0.765	0.718	7.71
55) T	1,1,2-Trichlor...	0.359	0.333	0.339	0.375	0.393	0.392	0.365	7.13
56) T	Ethyl methacry...	0.673	0.613	0.601	0.696	0.732	0.742	0.676	8.76

Method Path : Z:\voasrv\HPCHEM1\MSVOA_N\methods\
 Method File : 82N061021W.M

57)	T	1,3-Dichloropr...	0.684	0.607	0.614	0.700	0.730	0.723	0.676	7.91
58)	T	2-Chloroethyl ...	0.127	0.112	0.124	0.159	0.179	0.193	0.149	21.96
59)	T	2-Hexanone	0.469	0.423	0.415	0.490	0.511	0.527	0.472	9.69
60)	T	Dibromochlorom...	0.432	0.377	0.377	0.434	0.453	0.451	0.421	8.34
61)	T	1,2-Dibromoethane	0.375	0.343	0.339	0.385	0.408	0.405	0.376	7.91
62)	S	4-Bromofluorob...	0.585	0.449	0.459	0.505	0.544	0.584	0.521	11.51
-----ISTD-----										
63)	I	Chlorobenzene-d5								
64)	T	Tetrachloroethene	0.378	0.330	0.329	0.352	0.352	0.330	0.345	5.69
65)	PM	Chlorobenzene	1.106	0.931	0.974	1.102	1.142	1.129	1.064	8.33
66)	T	1,1,1,2-Tetrac...	0.418	0.369	0.375	0.418	0.438	0.421	0.406	6.78
67)	C	Ethyl Benzene	2.201	1.827	1.892	2.148	2.248	2.195	2.085	8.59#
68)	T	m/p-Xylenes	0.793	0.664	0.676	0.778	0.807	0.786	0.751	8.42
69)	T	o-Xylene	0.765	0.661	0.662	0.761	0.790	0.778	0.736	7.97
70)	T	Styrene	1.272	1.064	1.087	1.280	1.355	1.337	1.233	10.20
71)	P	Bromoform	0.300	0.261	0.272	0.312	0.325	0.333	0.300	9.54
-----ISTD-----										
72)	I	1,4-Dichlorobenzen...								
73)	T	Isopropylbenzene	5.119	4.521	4.359	4.773	4.774	4.713	4.710	5.49
74)	T	N-amyl acetate	2.367	2.105	2.095	2.422	2.456	2.450	2.316	7.34
75)	P	1,1,2,2-Tetrac...	1.446	1.352	1.313	1.431	1.432	1.442	1.403	3.98
76)	T	1,2,3-Trichlor...	1.488	1.337	1.252	1.248	1.365	1.279	1.328	6.88
77)	T	Bromobenzene	1.001	0.876	0.866	0.942	0.966	0.967	0.936	5.80
78)	T	n-propylbenzene	5.892	5.121	5.027	5.570	5.743	5.628	5.497	6.31
79)	T	2-Chlorotoluene	3.563	3.138	3.074	3.413	3.535	3.529	3.375	6.40
80)	T	1,3,5-Trimethy...	4.366	3.791	3.695	4.053	4.136	4.098	4.023	6.07
81)	T	trans-1,4-Dich...	0.531	0.470	0.475	0.530	0.545	0.565	0.519	7.40
82)	T	4-Chlorotoluene	3.573	3.109	3.067	3.387	3.434	3.403	3.329	5.96
83)	T	tert-Butylbenzene	3.470	3.199	3.042	3.306	3.425	3.412	3.309	4.94
84)	T	1,2,4-Trimethy...	4.189	3.617	3.632	4.017	4.116	4.073	3.940	6.37
85)	T	sec-Butylbenzene	4.997	4.290	4.203	4.677	4.776	4.763	4.618	6.66
86)	T	p-Isopropyltol...	4.239	3.617	3.506	3.937	4.084	4.067	3.908	7.35
87)	T	1,3-Dichlorobe...	1.782	1.570	1.566	1.751	1.800	1.777	1.708	6.40
88)	T	1,4-Dichlorobe...	1.778	1.494	1.534	1.711	1.791	1.762	1.678	7.79
89)	T	n-Butylbenzene	3.753	3.191	3.258	3.667	3.840	3.873	3.597	8.28
90)	T	Hexachloroethane	0.771	0.654	0.631	0.724	0.728	0.746	0.709	7.70
91)	T	1,2-Dichlorobe...	1.676	1.499	1.506	1.667	1.709	1.671	1.621	5.75
92)	T	1,2-Dibromo-3-...	0.362	0.322	0.317	0.343	0.343	0.343	0.338	4.88
93)	T	1,2,4-Trichlor...	0.743	0.712	0.767	0.889	0.931	0.961	0.834	12.71
94)	T	Hexachlorobuta...	0.510	0.456	0.451	0.502	0.504	0.498	0.487	5.39
95)	T	Naphthalene	1.873	1.944	2.144	2.585	2.785	2.978	2.385	19.37
96)	T	1,2,3-Trichlor...	0.684	0.662	0.716	0.810	0.861	0.905	0.773	12.93

(#) = Out of Range