

Method Path : Z:\voasrv\HPCHEM1\MSVOA_D\Method\
 Method File : 82D081822S.M
 Title : SW846 8260
 Last Update : Mon Aug 22 18:40:04 2022
 Response Via : Initial Calibration

Calibration Files

5 =VD074138.D 10 =VD074139.D 50 =VD074141.D 100 =VD074142.D 150 =VD074143.D

	Compound	5	10	50	100	150	Avg	%RSD
1) I	Pentafluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.652	0.659	0.493	0.482	0.481	0.553	16.90
3) P	Chloromethane	0.518	0.508	0.398	0.410	0.416	0.450	12.87
4) C	Vinyl Chloride	0.454	0.453	0.413	0.398	0.401	0.424	6.58#
5) T	Bromomethane	0.281	0.263	0.239	0.237	0.244	0.253	7.36
6) T	Chloroethane	0.264	0.290	0.244	0.242	0.248	0.258	7.84
7) T	Trichlorofluorom...	1.042	1.050	0.906	0.924	0.918	0.968	7.42
8) T	Diethyl Ether	0.275	0.269	0.256	0.278	0.273	0.270	3.18
9) T	1,1,2-Trichlorot...	0.604	0.623	0.546	0.543	0.535	0.570	7.07
10) T	Methyl Iodide	0.552	0.642	0.683	0.683	0.702	0.652	9.25
11) T	Tert butyl alcohol	0.066	0.047	0.034	0.036	0.035	0.044	30.53
12) CM	1,1-Dichloroethene	0.562	0.562	0.514	0.528	0.521	0.537	4.27#
13) T	Acrolein	0.025	0.055	0.045	0.046	0.046	0.043	25.08
14) T	Allyl chloride	0.850	0.925	0.864	0.901	0.882	0.884	3.34
15) T	Acrylonitrile	0.129	0.138	0.125	0.132	0.129	0.130	3.77
16) T	Acetone	0.125	0.126	0.094	0.099	0.095	0.108	15.27
17) T	Carbon Disulfide	1.831	1.978	1.733	1.756	1.729	1.805	5.82
18) T	Methyl Acetate	0.376	0.349	0.305	0.331	0.321	0.337	8.12
19) T	Methyl tert-buty...	1.159	1.234	1.242	1.314	1.277	1.245	4.63
20) T	Methylene Chloride	2.061	1.419	0.731	0.684	0.639	1.107	56.17
21) T	trans-1,2-Dichlo...	0.625	0.654	0.614	0.620	0.602	0.623	3.10
22) T	Diisopropyl ether	1.649	1.773	1.777	1.830	1.749	1.756	3.80
23) T	Vinyl Acetate	0.688	0.784	0.967	1.047	0.990	0.895	16.99
24) P	1,1-Dichloroethane	1.136	1.187	1.064	1.104	1.065	1.111	4.69
25) T	2-Butanone	0.198	0.188	0.166	0.167	0.160	0.176	9.47
26) T	2,2-Dichloropropane	1.091	1.024	0.889	0.905	0.860	0.954	10.37
27) T	cis-1,2-Dichloro...	0.657	0.673	0.675	0.674	0.659	0.668	1.33
28) T	Bromochloromethane	0.419	0.403	0.318	0.329	0.299	0.354	15.23
29) T	Tetrahydrofuran	0.096	0.114	0.106	0.111	0.106	0.107	6.24
30) C	Chloroform	1.164	1.265	1.103	1.127	1.073	1.146	6.48#
31) T	Cyclohexane	1.232	1.100	0.986	0.997	0.979	1.059	10.24
32) T	1,1,1-Trichloroe...	1.049	1.057	1.004	1.014	0.976	1.020	3.24
33) S	1,2-Dichloroetha...	0.601	0.679	0.357	0.354	0.341	0.466	34.50
34) I	1,4-Difluorobenzene	-----ISTD-----						
35) S	Dibromofluoromet...	0.353	0.358	0.243	0.239	0.230	0.285	22.80
36) T	1,1-Dichloropropene	0.507	0.530	0.508	0.514	0.501	0.512	2.15
37) T	Ethyl Acetate	0.239	0.234	0.217	0.234	0.223	0.229	4.03
38) T	Carbon Tetrachlo...	0.514	0.496	0.515	0.514	0.492	0.506	2.17
39) T	Methylcyclohexane	0.565	0.571	0.612	0.618	0.617	0.597	4.39
40) TM	Benzene	1.398	1.439	1.426	1.432	1.372	1.413	1.98
41) T	Methacrylonitrile	0.092	0.114	0.120	0.142	0.122	0.118	15.23
42) TM	1,2-Dichloroethane	0.433	0.424	0.412	0.427	0.406	0.420	2.58
43) T	Isopropyl Acetate	0.393	0.430	0.422	0.442	0.436	0.425	4.50
44) TM	Trichloroethene	0.388	0.393	0.379	0.377	0.370	0.382	2.37
45) C	1,2-Dichloropropane	0.360	0.368	0.354	0.363	0.345	0.358	2.47#
46) T	Dibromomethane	0.191	0.216	0.201	0.199	0.192	0.200	4.89
47) T	Bromodichloromet...	0.514	0.518	0.498	0.507	0.487	0.505	2.48
48) T	Methyl methacrylate	0.193	0.209	0.209	0.221	0.215	0.209	4.97
49) T	1,4-Dioxane	0.002	0.002	0.002	0.002	0.002	0.002	11.45
50) S	Toluene-d8	1.155	1.233	0.657	0.639	0.638	0.865	34.97
51) T	4-Methyl-2-Penta...	0.198	0.224	0.225	0.225	0.221	0.219	5.36
52) CM	Toluene	0.817	0.859	0.901	0.909	0.875	0.872	4.22#
53) T	t-1,3-Dichloropr...	0.405	0.437	0.486	0.488	0.477	0.459	7.94
54) T	cis-1,3-Dichloro...	0.494	0.558	0.559	0.569	0.558	0.547	5.55
55) T	1,1,2-Trichloroe...	0.270	0.270	0.263	0.262	0.250	0.263	3.03
56) T	Ethyl methacrylate	0.268	0.308	0.334	0.355	0.342	0.321	10.78

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57)	T	1,3-Dichloropropane	0.467	0.478	0.467	0.465	0.449	0.465	2.27
58)	T	2-Chloroethyl Vi...	0.091	0.092	0.088	0.104	0.095	0.094	6.53
59)	T	2-Hexanone	0.132	0.143	0.152	0.153	0.148	0.146	5.88
60)	T	Dibromochloromet...	0.329	0.346	0.330	0.332	0.319	0.331	2.96
61)	T	1,2-Dibromoethane	0.248	0.263	0.256	0.260	0.250	0.255	2.62
62)	S	4-Bromofluoroben...	0.417	0.434	0.344	0.344	0.332	0.374	12.63
63)	I	Chlorobenzene-d5	-----ISTD-----						
64)	T	Tetrachloroethene	0.369	0.344	0.334	0.331	0.320	0.339	5.42
65)	PM	Chlorobenzene	1.008	1.073	1.013	1.017	0.974	1.017	3.49
66)	T	1,1,1,2-Tetrachl...	0.372	0.363	0.377	0.374	0.354	0.368	2.51
67)	C	Ethyl Benzene	1.695	1.733	1.857	1.893	1.802	1.796	4.61#
68)	T	m/p-Xylenes	0.637	0.674	0.721	0.727	0.693	0.690	5.31
69)	T	o-Xylene	0.585	0.630	0.671	0.687	0.653	0.645	6.15
70)	T	Styrene	0.998	1.084	1.153	1.161	1.116	1.102	6.00
71)	P	Bromoform	0.194	0.199	0.194	0.202	0.195	0.197	1.93
72)	I	1,4-Dichlorobenzen...	-----ISTD-----						
73)	T	Isopropylbenzene	3.216	3.467	3.826	3.876	3.823	3.641	7.93
74)	T	N-amyl acetate	0.778	0.913	0.940	0.976	0.963	0.914	8.70
75)	P	1,1,2,2-Tetrachl...	0.685	0.735	0.695	0.700	0.671	0.697	3.43
76)	T	1,2,3-Trichlorop...	0.589	0.495	0.551	0.487	0.467	0.518	9.78
77)	T	Bromobenzene	0.821	0.843	0.831	0.842	0.837	0.835	1.07
78)	T	n-propylbenzene	4.134	4.281	4.730	4.759	4.669	4.515	6.36
79)	T	2-Chlorotoluene	2.399	2.521	2.661	2.707	2.666	2.591	4.95
80)	T	1,3,5-Trimethylb...	2.723	2.884	3.210	3.212	3.194	3.045	7.48
81)	T	trans-1,4-Dichlo...	0.170	0.185	0.196	0.223	0.215	0.198	11.03
82)	T	4-Chlorotoluene	2.638	2.692	2.762	2.789	2.753	2.727	2.25
83)	T	tert-Butylbenzene	2.273	2.397	2.708	2.747	2.748	2.575	8.68
84)	T	1,2,4-Trimethylb...	2.701	2.883	3.120	3.171	3.121	2.999	6.70
85)	T	sec-Butylbenzene	3.503	3.705	4.084	4.152	4.124	3.914	7.47
86)	T	p-Isopropyltoluene	2.982	3.036	3.375	3.449	3.405	3.249	6.83
87)	T	1,3-Dichlorobenzene	1.653	1.683	1.670	1.690	1.636	1.666	1.31
88)	T	1,4-Dichlorobenzene	1.623	1.713	1.672	1.659	1.652	1.664	1.98
89)	T	n-Butylbenzene	2.953	3.022	3.271	3.301	3.297	3.169	5.29
90)	T	Hexachloroethane	0.616	0.621	0.630	0.652	0.656	0.635	2.84
91)	T	1,2-Dichlorobenzene	1.477	1.530	1.435	1.482	1.440	1.473	2.61
92)	T	1,2-Dibromo-3-Ch...	0.124	0.129	0.112	0.117	0.117	0.120	5.58
93)	T	1,2,4-Trichlorob...	0.786	0.827	0.876	0.904	0.913	0.861	6.24
94)	T	Hexachlorobutadiene	0.442	0.437	0.459	0.472	0.474	0.457	3.68
95)	T	Naphthalene	1.481	1.577	1.823	1.911	1.928	1.744	11.64
96)	T	1,2,3-Trichlorob...	0.701	0.712	0.774	0.806	0.804	0.759	6.60

(#) = Out of Range