

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : 82V012219S.M
 Title : SW846 8260
 Last Update : Wed Jan 23 01:54:58 2019
 Response Via : Initial Calibration

Calibration Files

10 =VV009231.D 5 =VV009230.D 20 =VV009232.D
 50 =VV009233.D 100 =VV009234.D 150 =VV009235.D

	Compound	10	5	20	50	100	150	Avg	%RSD

1) I	Pentafluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.402	0.461	0.423	0.362	0.406	0.372	0.404	8.83
3) P	Chloromethane	0.544	0.579	0.551	0.514	0.536	0.543	0.544	3.85
4) C	Vinyl Chloride	0.672	0.644	0.635	0.605	0.599	0.556	0.619	6.55#
5) T	Bromomethane	0.371	0.379	0.365	0.342	0.344	0.304	0.351	7.75
6) T	Chloroethane	0.363	0.372	0.356	0.341	0.338	0.304	0.346	7.06
7) T	Trichlorofluorome	0.462	0.453	0.441	0.440	0.426	0.382	0.434	6.54
8) T	Diethyl Ether	0.298	0.254	0.283	0.269	0.271	0.263	0.273	5.68
9) T	1,1,2-Trichlorotr	0.589	0.533	0.559	0.535	0.530	0.489	0.539	6.21
10) T	Methyl Iodide	0.895	0.859	0.900	0.846	0.863	0.802	0.861	4.17
11) T	Tert butyl alcoho	0.058	0.063	0.041	0.036	0.034	0.035	0.045	28.59
12) CM	1,1-Dichloroethen	0.545	0.542	0.555	0.520	0.521	0.494	0.530	4.23#
13) T	Acrolein	0.045	0.035	0.039	0.030	0.031	0.030	0.035	17.32
14) T	Allyl chloride	0.959	0.903	0.947	0.905	0.908	0.854	0.913	4.06
15) T	Acrylonitrile	0.131	0.113	0.120	0.116	0.114	0.115	0.118	5.72
16) T	Acetone	0.201	0.175	0.169	0.156	0.149	0.144	0.165	12.62
17) T	Carbon Disulfide	1.691	1.616	1.668	1.600	1.626	1.519	1.620	3.71
18) T	Methyl Acetate	0.511	0.508	0.424	0.395	0.371		0.442	14.66
19) T	Methyl tert-butyl	0.923	0.847	0.844	0.784	0.781	0.754	0.822	7.49
20) T	Methylene Chlorid	0.702	0.759	0.633	0.551	0.546	0.507	0.616	16.07
21) T	trans-1,2-Dichlor	0.605	0.571	0.595	0.561	0.566	0.525	0.571	4.92
22) T	Diisopropyl ether	2.065	1.881	2.005	1.918	1.954	1.838	1.944	4.28
23) T	Vinyl Acetate	1.115	0.942	1.068	1.058	1.081	1.063	1.055	5.60
24) P	1,1-Dichloroethan	1.283	1.217	1.232	1.193	1.202	1.129	1.209	4.16
25) T	2-Butanone	0.218	0.166	0.188	0.187	0.187	0.189	0.189	8.75
26) T	2,2-Dichloropropa	0.656	0.598	0.711	0.719	0.732	0.667	0.681	7.43
27) T	cis-1,2-Dichloroe	0.712	0.656	0.704	0.691	0.708	0.665	0.690	3.41
28) T	Bromochloromethan	0.469	0.425	0.469	0.446	0.445	0.424	0.446	4.47
29) T	Tetrahydrofuran	0.111	0.091	0.104	0.101	0.104	0.107	0.103	6.49
30) C	Chloroform	1.289	1.186	1.248	1.212	1.214	1.136	1.214	4.31#
31) T	Cyclohexane	1.176	1.248	1.106	1.073	1.038	0.983	1.104	8.67
32) T	1,1,1-Trichloroet	1.053	0.981	1.073	1.041	1.041	0.953	1.024	4.54
33) S	1,2-Dichloroethan	0.678	0.577	0.659	0.546	0.609	0.590	0.610	8.24
34) I	1,4-Difluorobenzene	-----ISTD-----							
35) S	Dibromofluorometh	0.336	0.308	0.353	0.293	0.333	0.329	0.325	6.57
36) T	1,1-Dichloroprope	0.566	0.563	0.565	0.547	0.557	0.532	0.555	2.38
37) T	Ethyl Acetate	0.236	0.162	0.218	0.214	0.219	0.232	0.213	12.43
38) T	Carbon Tetrachlor	0.559	0.530	0.574	0.562	0.568	0.541	0.556	3.07
39) T	Methylcyclohexane	0.658	0.638	0.665	0.669	0.664	0.649	0.657	1.78
40) TM	Benzene	1.578	1.512	1.612	1.549	1.566	1.500	1.553	2.71
41) T	Methacrylonitrile	0.137	0.113	0.127	0.128	0.132	0.134	0.129	6.72
42) TM	1,2-Dichloroethan	0.511	0.486	0.503	0.479	0.473	0.464	0.486	3.67
43) T	Isopropyl Acetate	0.435	0.362	0.428	0.425	0.424	0.444	0.420	6.98
44) TM	Trichloroethene	0.401	0.419	0.423	0.400	0.410	0.398	0.409	2.59
45) C	1,2-Dichloropropa	0.388	0.350	0.388	0.367	0.380	0.368	0.373	3.87#
46) T	Dibromomethane	0.192	0.176	0.193	0.197	0.196	0.196	0.192	4.21
47) T	Bromodichlorometh	0.509	0.462	0.523	0.506	0.525	0.513	0.506	4.56
48) T	Methyl methacryla	0.222	0.191	0.208	0.212	0.222	0.228	0.214	6.21
49) T	1,4-Dioxane	0.002	0.002	0.002	0.003	0.002	0.003	0.002	10.41
50) S	Toluene-d8	1.246	1.210	1.389	1.165	1.305	1.282	1.266	6.19
51) T	4-Methyl-2-Pentan	0.219	0.192	0.214	0.214	0.215	0.224	0.213	5.16
52) CM	Toluene	0.994	0.928	1.028	0.984	0.995	0.964	0.982	3.43#

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	Compound	10	5	20	50	100	150	Avg	%RSD
53) T	t-1,3-Dichloropro	0.494	0.417	0.504	0.495	0.521	0.527	0.493	7.99
54) T	cis-1,3-Dichlorop	0.543	0.498	0.581	0.576	0.607	0.600	0.568	7.19
55) T	1,1,2-Trichloroet	0.284	0.259	0.275	0.264	0.269	0.268	0.270	3.17
56) T	Ethyl methacrylat	0.300	0.260	0.306	0.327	0.340	0.355	0.315	10.70
57) T	1,3-Dichloropropa	0.510	0.457	0.492	0.491	0.492	0.492	0.489	3.56
58) T	2-Chloroethyl Vin			0.003	0.003	0.006	0.008	0.005	51.64
59) T	2-Hexanone	0.159	0.130	0.153	0.157	0.160	0.165	0.154	8.09
60) T	Dibromochlorometh	0.309	0.282	0.313	0.317	0.337	0.338	0.316	6.54
61) T	1,2-Dibromoethane	0.270	0.242	0.266	0.264	0.269	0.274	0.264	4.29
62) S	4-Bromofluorobenz	0.479	0.467	0.514	0.425	0.491	0.487	0.477	6.28
63) I	Chlorobenzene-d5	-----ISTD-----							
64) T	Tetrachloroethene	0.356	0.340	0.372	0.367	0.352	0.348	0.356	3.33
65) PM	Chlorobenzene	1.213	1.128	1.188	1.163	1.165	1.122	1.163	3.01
66) T	1,1,1,2-Tetrachlo	0.408	0.377	0.400	0.402	0.404	0.394	0.398	2.75
67) C	Ethyl Benzene	2.061	1.947	2.129	2.128	2.136	2.033	2.072	3.60#
68) T	m/p-Xylenes	0.784	0.727	0.821	0.815	0.808	0.765	0.787	4.58
69) T	o-Xylene	0.711	0.673	0.743	0.756	0.762	0.732	0.729	4.51
70) T	Stvrene	1.109	1.032	1.183	1.212	1.245	1.203	1.164	6.79
71) P	Bromoform	0.181	0.152	0.187	0.196	0.203	0.206	0.187	10.63
72) I	1,4-Dichlorobenzene-d	-----ISTD-----							
73) T	Isopropylbenzene	4.114	3.893	4.256	4.194	4.289	4.027	4.129	3.63
74) T	N-amyl acetate	0.747	0.664	0.713	0.778	0.822	0.857	0.764	9.26
75) P	1,1,2,2-Tetrachlo	0.739	0.652	0.701	0.687	0.701	0.696	0.696	3.99
76) T	1,2,3-Trichloropr	0.594	0.575	0.540	0.530	0.537	0.508	0.547	5.72
77) T	Bromobenzene	0.894	0.870	0.888	0.870	0.904	0.874	0.883	1.59
78) T	n-propylbenzene	4.870	4.719	5.037	4.940	5.047	4.757	4.895	2.83
79) T	2-Chlorotoluene	3.014	2.922	3.103	2.941	2.959	2.780	2.953	3.63
80) T	1,3,5-Trimethylbe	3.465	3.240	3.606	3.527	3.568	3.370	3.463	3.96
81) T	trans-1,4-Dichlor	0.173	0.163	0.187	0.204	0.214	0.220	0.193	11.88
82) T	4-Chlorotoluene	3.490	3.571	3.592	3.442	3.481	3.295	3.479	3.06
83) T	tert-Butylbenzene	3.294	3.059	3.394	3.338	3.434	3.263	3.297	4.01
84) T	1,2,4-Trimethylbe	3.482	3.256	3.661	3.528	3.612	3.420	3.493	4.15
85) T	sec-Butylbenzene	4.384	4.105	4.420	4.339	4.432	4.230	4.319	2.95
86) T	p-Isopropyltoluen	3.746	3.611	3.856	3.814	3.942	3.717	3.781	3.06
87) T	1,3-Dichlorobenze	1.858	1.861	1.871	1.801	1.846	1.766	1.834	2.25
88) T	1,4-Dichlorobenze	1.887	1.917	1.899	1.823	1.839	1.757	1.854	3.21
89) T	n-Butylbenzene	3.627	3.563	3.724	3.691	3.782	3.636	3.670	2.13
90) T	Hexachloroethane	0.660	0.622	0.666	0.684	0.707	0.696	0.672	4.52
91) T	1,2-Dichlorobenze	1.647	1.676	1.619	1.589	1.619	1.561	1.619	2.51
92) T	1,2-Dibromo-3-Chl	0.127	0.104	0.113	0.118	0.116	0.123	0.117	7.04
93) T	1,2,4-Trichlorobe	0.988	1.046	1.004	1.038	1.100	1.076	1.042	4.06
94) T	Hexachlorobutadie	0.658	0.673	0.664	0.615	0.643	0.622	0.646	3.59
95) T	Naphthalene	1.645	1.758	1.644	1.796	1.949	2.018	1.802	8.59
96) T	1,2,3-Trichlorobe	0.873	0.874	0.857	0.874	0.908	0.908	0.882	2.37

(#) = Out of Range