

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : 524U012919DW.M
 Title : METHOD 524.2 VOLATILES DRINKING WATER
 Last Update : Wed Jan 30 09:13:14 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU029303.D 1 =VU029304.D 2 =VU029305.D
 5 =VU029306.D 10 =VU029307.D 15 =VU029308.D

	Compound	0.5	1	2	5	10	15	Avg	%RSD

1) i	Fluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.417	0.526	0.450	0.462	0.461	0.454	0.461	7.73
3) t	Chloromethane	0.418	0.380	0.376	0.353	0.358	0.356	0.374	6.51
4) Rt	Vinyl Chloride	0.403	0.403	0.374	0.386	0.376	0.369	0.385	3.86
5) T	Bromomethane	0.318	0.265	0.239	0.220	0.206	0.200	0.241	18.40
6) T	Chloroethane	0.280	0.285	0.272	0.269	0.265	0.249	0.270	4.73
7) T	Trichlorofluorome	0.736	0.771	0.703	0.697	0.688	0.686	0.714	4.68
8)	1,1,2-Trichloro-1	0.313	0.302	0.290	0.304	0.292	0.289	0.298	3.24
9) Rt	1,1-Dichloroethen	0.299	0.285	0.263	0.279	0.269	0.262	0.276	5.22
10) t	Iodomethane	0.151	0.197	0.214	0.269	0.308	0.314	0.242	27.05
11) t	Allyl Chloride	0.632	0.712	0.644	0.695	0.625	0.613	0.653	6.17
12) t	Acrylonitrile	0.085	0.089	0.080	0.085	0.080	0.081	0.083	4.27
13) T	Acetone	0.134	0.117	0.096	0.098	0.086	0.087	0.103	18.18
14) T	Carbon Disulfide	1.080	1.064	0.969	1.001	0.935	0.925	0.996	6.55
15) RT	Methylene Chlorid	0.491	0.378	0.333	0.345	0.318	0.324	0.365	17.94
16) RT	trans-1,2-Dichlor	0.333	0.316	0.312	0.310	0.298	0.295	0.311	4.45
17) t	1,1-Dichloroethan	0.773	0.723	0.644	0.640	0.635	0.616	0.672	9.20
18) T	2-Butanone	0.100	0.105	0.107	0.109	0.106	0.107	0.106	2.69
19)	Cyclohexane	0.467	0.397	0.397	0.427	0.435	0.430	0.426	6.17
20)	Methylcyclohexane	0.406	0.435	0.438	0.463	0.487	0.501	0.455	7.80
21) T	2,2-Dichloropropa	0.633	0.645	0.594	0.608	0.591	0.582	0.609	4.08
22) RT	cis-1,2-Dichloroe	0.307	0.356	0.315	0.328	0.325	0.331	0.327	5.13
23) t	Diethyl Ether	0.303	0.292	0.251	0.287	0.266	0.265	0.278	7.08
24) t	tert-Butyl Alcoho	0.034	0.038	0.034	0.034	0.034	0.034	0.035	4.30
25) t	Methyl tert-Butyl	0.922	1.003	0.933	0.957	0.902	0.909	0.938	3.99
26) t	Bromochloromethan	0.109	0.145	0.135	0.140	0.137	0.137	0.134	9.35
27) t	Chloroform	0.657	0.695	0.683	0.680	0.669	0.654	0.673	2.35
28) RT	1,1,1-Trichloroet	0.604	0.672	0.632	0.636	0.615	0.614	0.629	3.85
29) T	1,1-Dichloroprope	0.431	0.457	0.443	0.485	0.484	0.483	0.464	5.10
30) RT	Carbon Tetrachlor	0.559	0.557	0.553	0.546	0.542	0.543	0.550	1.30
31) t	Isopropyl Ether	1.014	1.005	0.949	0.978	0.976	0.988	0.985	2.33
32)	Ethyl-t-butyl eth	0.930	0.929	0.835	0.883	0.916	0.934	0.904	4.30
33)	Tert-Amyl methyl	0.749	0.770	0.707	0.756	0.813	0.811	0.768	5.26
34) t	Propionitrile		0.022	0.025	0.028	0.028	0.029	0.027	10.69
35) RT	Benzene	1.277	1.298	1.236	1.274	1.292	1.276	1.275	1.68
36) RT	1,2-Dichloroethan	0.505	0.546	0.537	0.539	0.520	0.521	0.528	2.89
37) RT	Trichloroethene	0.307	0.330	0.324	0.323	0.329	0.313	0.321	2.77
38) Rt	1,2-Dichloropropa	0.350	0.345	0.340	0.361	0.351	0.347	0.349	1.97
39) t	Methacrylonitrile		0.109	0.127	0.130	0.132	0.139	0.127	8.84
40) t	Methyl acrylate		0.146	0.161	0.187	0.183	0.184	0.172	10.35
41) t	Tetrahydrofuran		0.053	0.056	0.061	0.062	0.065	0.059	8.60
42) t	1-Chlorobutane	0.709	0.738	0.676	0.716	0.718	0.706	0.710	2.82
43) T	Dibromomethane	0.166	0.172	0.173	0.181	0.174	0.179	0.174	3.09
44) T	Bromodichlorometh	0.509	0.520	0.492	0.510	0.506	0.502	0.506	1.87
45) T	4-Methyl-2-Pentan	0.210	0.232	0.234	0.252	0.256	0.260	0.241	7.86
46) t	t-1,4-Dichloro-2-	0.060	0.069	0.090	0.090	0.081	0.096	0.081	17.17
47) t	Methyl methacryla	0.116	0.147	0.135	0.160	0.162	0.164	0.147	12.93
48) t	Ethyl methacrylat	0.225	0.261	0.267	0.290	0.312	0.329	0.281	13.45
49) Rt	Toluene	0.686	0.709	0.713	0.768	0.778	0.786	0.740	5.72
50) T	t-1,3-Dichloropro	0.384	0.421	0.420	0.447	0.463	0.463	0.433	7.14
51) T	cis-1,3-Dichlorop	0.438	0.493	0.448	0.481	0.502	0.504	0.478	5.97
52) RT	1,1,2-Trichloroet	0.219	0.229	0.224	0.234	0.235	0.229	0.228	2.77
53) t	1,3-Dichloropropa	0.412	0.433	0.421	0.436	0.435	0.431	0.428	2.28

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54) t	2-Hexanone	0.154	0.168	0.157	0.173	0.182	0.188	0.170	7.93
55) t	Dibromochlorometh	0.281	0.326	0.305	0.307	0.313	0.312	0.308	4.82
56) T	1,2-Dibromoethane	0.191	0.219	0.199	0.219	0.216	0.213	0.210	5.57
57) S	4-Bromofluorobenz	0.372	0.402	0.378	0.365	0.412	0.405	0.389	5.04
58) RT	Tetrachloroethene	0.285	0.319	0.300	0.306	0.310	0.310	0.305	3.83
59) Rt	Chlorobenzene	0.773	0.804	0.773	0.811	0.833	0.832	0.804	3.32
60) T	1,1,1,2-Tetrachlo	0.343	0.336	0.324	0.334	0.329	0.325	0.332	2.14
61) t	Pentachloroethane	0.260	0.262	0.252	0.253	0.254	0.253	0.256	1.74
62) t	Hexachloroethane	0.245	0.236	0.236	0.245	0.256	0.257	0.246	3.79
63) Rt	Ethyl Benzene	1.277	1.297	1.292	1.450	1.545	1.577	1.406	9.65
64) RT	m/p-Xylenes	0.453	0.473	0.493	0.571	0.584	0.597	0.528	11.89
65) RT	o-Xylene	0.455	0.464	0.470	0.527	0.557	0.566	0.507	9.76
66) RT	Styrene	0.720	0.790	0.805	0.945	0.981	0.996	0.873	13.25
67) t	Bromoform	0.154	0.179	0.185	0.176	0.185	0.189	0.178	7.08
68) S	1,2-Dichlorobenze	0.387	0.391	0.395	0.369	0.396	0.396	0.389	2.67
69) T	Isopropylbenzene	1.220	1.339	1.324	1.444	1.528	1.557	1.402	9.28
70) T	1,1,2,2-Tetrachlo	0.295	0.326	0.283	0.309	0.307	0.309	0.305	4.76
71) T	1,2,3-Trichloropr	0.275	0.269	0.252	0.240	0.276	0.241	0.259	6.36
72) t	Bromobenzene	0.313	0.342	0.336	0.358	0.363	0.364	0.346	5.73
73) t	n-propylbenzene	0.330	0.354	0.338	0.398	0.419	0.425	0.377	11.09
74) t	2-Chlorotoluene	0.284	0.302	0.314	0.351	0.361	0.360	0.329	10.05
75) t	1,3,5-Trimethylbe	1.011	1.184	1.171	1.322	1.372	1.395	1.242	11.86
76) t	4-Chlorotoluene	0.293	0.332	0.340	0.368	0.378	0.380	0.349	9.69
77) t	tert-Butylbenzene	1.062	1.115	1.115	1.238	1.310	1.321	1.194	9.29
78) t	1,2,4-Trimethylbe	1.096	1.111	1.190	1.325	1.439	1.436	1.266	12.29
79) t	sec-Butylbenzene	1.302	1.461	1.468	1.637	1.747	1.758	1.562	11.63
80)	Nitrobenzene		0.006	0.010	0.013	0.015	0.016	0.012	31.77
81) t	p-Isopropyltoluen	1.049	1.224	1.238	1.409	1.495	1.510	1.321	13.71
82) t	1,3-Dichlorobenze	0.688	0.723	0.696	0.731	0.729	0.736	0.717	2.79
83) Rt	1,4-Dichlorobenze	0.682	0.717	0.711	0.727	0.742	0.756	0.723	3.58
84) t	n-Butylbenzene	1.027	1.195	1.203	1.343	1.455	1.480	1.284	13.57
85) Rt	1,2-Dichlorobenze	0.579	0.631	0.640	0.669	0.687	0.689	0.649	6.48
86) t	1,2-Dibromo-3-Chl	0.037	0.055	0.060	0.058	0.061	0.064	0.056	17.37
87) Rt	1,2,4-Trichlorobe	0.361	0.412	0.414	0.460	0.487	0.501	0.439	12.10
88) t	Hexachlorobutadie	0.245	0.272	0.273	0.292	0.300	0.298	0.280	7.51
89) t	Naphthalene	0.540	0.603	0.626	0.722	0.850	0.889	0.705	19.96
90) t	1,2,3-Trichlorobe	0.349	0.380	0.383	0.426	0.450	0.463	0.408	10.92

(#) = Out of Range