

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : 524U072219DW.M
 Title : METHOD 524.2 VOLATILES DRINKING WATER
 Last Update : Tue Jul 23 03:43:51 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU033360.D 1 =VU033361.D 2 =VU033362.D
 5 =VU033363.D 10 =VU033364.D 15 =VU033365.D

	Compound	0.5	1	2	5	10	15	Avg	%RSD

1) i	Fluorobenzene	-----ISTD-----							
2) T	Dichlorodifluorom	0.439	0.424	0.425	0.403	0.392	0.398	0.414	4.49
3) t	Chloromethane	0.482	0.490	0.472	0.437	0.424	0.435	0.456	6.18
4) Rt	Vinyl Chloride	0.560	0.524	0.512	0.497	0.478	0.486	0.509	5.88
5) T	Bromomethane	0.343	0.327	0.342	0.320	0.290	0.302	0.321	6.65
6) T	Chloroethane	0.331	0.379	0.346	0.342	0.362	0.386	0.358	6.13
7) T	Trichlorofluorome	0.758	0.730	0.707	0.675	0.654	0.673	0.699	5.62
8)	1,1,2-Trichloro-1	0.406	0.371	0.365	0.352	0.331	0.340	0.361	7.44
9) Rt	1,1-Dichloroethen	0.370	0.378	0.368	0.349	0.330	0.338	0.355	5.42
10) t	Iodomethane	0.463	0.469	0.485	0.482	0.477	0.490	0.478	2.13
11) t	Allyl Chloride	0.645	0.606	0.589	0.568	0.549	0.561	0.586	6.03
12) t	Acrylonitrile	0.111	0.113	0.098	0.091	0.089	0.093	0.099	10.50
13) T	Acetone	0.107	0.094	0.083	0.077	0.072	0.073	0.085	16.30
14) T	Carbon Disulfide	1.522	1.383	1.394	1.292	1.243	1.267	1.350	7.71
15) RT	Methylene Chlorid	0.656	0.511	0.471	0.431	0.401	0.406	0.479	20.01
16) RT	trans-1,2-Dichlor	0.470	0.457	0.433	0.395	0.383	0.395	0.422	8.69
17) t	1,1-Dichloroethan	0.629	0.593	0.578	0.542	0.519	0.537	0.566	7.25
18) T	2-Butanone	0.072	0.083	0.082	0.081	0.082	0.084	0.081	5.62
19)	Cyclohexane	0.416	0.387	0.388	0.417	0.428	0.458	0.416	6.42
20)	Methylcyclohexane	0.407	0.361	0.383	0.419	0.447	0.494	0.418	11.31
21) T	2,2-Dichloropropa	0.586	0.517	0.485	0.439	0.421	0.431	0.480	13.23
22) RT	cis-1,2-Dichloroe	0.338	0.321	0.314	0.316	0.310	0.320	0.320	3.10
23) t	Diethyl Ether	0.318	0.320	0.310	0.298	0.294	0.298	0.306	3.63
24) t	tert-Butyl Alcoho	0.068	0.052	0.047	0.040	0.038	0.036	0.047	25.35
25) t	Methyl tert-Butyl	1.050	1.059	1.050	1.002	0.977	1.000	1.023	3.34
26) t	Bromochloromethan	0.143	0.150	0.145	0.134	0.134	0.138	0.141	4.60
27) t	Chloroform	0.804	0.715	0.657	0.582	0.556	0.570	0.647	15.08
28) RT	1,1,1-Trichloroet	0.529	0.526	0.496	0.493	0.476	0.487	0.501	4.28
29) T	1,1-Dichloroprope	0.436	0.407	0.388	0.410	0.412	0.427	0.413	4.04
30) RT	Carbon Tetrachlor	0.466	0.440	0.453	0.432	0.420	0.435	0.441	3.70
31) t	Isopropyl Ether	0.745	0.734	0.697	0.686	0.697	0.735	0.716	3.49
32)	Ethyl-t-butyl eth	0.706	0.682	0.639	0.672	0.687	0.742	0.688	5.01
33)	Tert-Amyl methyl	0.541	0.578	0.596	0.622	0.661	0.715	0.619	10.04
34) t	Propionitrile	0.018	0.022	0.024	0.025	0.025	0.025	0.023	11.63
35) RT	Benzene	1.235	1.172	1.195	1.173	1.179	1.211	1.194	2.10
36) RT	1,2-Dichloroethan	0.398	0.413	0.409	0.393	0.382	0.389	0.397	2.96
37) RT	Trichloroethene	0.328	0.317	0.312	0.306	0.307	0.320	0.315	2.67
38) Rt	1,2-Dichloropropa	0.334	0.333	0.332	0.327	0.320	0.332	0.329	1.65
39) t	Methacrylonitrile	0.086	0.097	0.087	0.092	0.094	0.095	0.092	4.80
40) t	Methyl acrylate	0.118	0.139	0.131	0.150	0.154	0.167	0.143	12.11
41) t	Tetrahydrofuran	0.039	0.044	0.046	0.048	0.050	0.051	0.046	9.56
42) t	1-Chlorobutane	0.559	0.548	0.527	0.557	0.559	0.575	0.554	2.84
43) T	Dibromomethane	0.176	0.186	0.191	0.185	0.177	0.179	0.182	3.32
44) T	Bromodichlorometh	0.465	0.461	0.441	0.426	0.419	0.426	0.440	4.46
45) T	4-Methyl-2-Pentan	0.152	0.173	0.190	0.191	0.201	0.210	0.186	11.13
46) t	t-1,4-Dichloro-2-	0.057	0.066	0.071	0.083	0.084	0.088	0.075	16.36
47) t	Methyl methacryla	0.119	0.125	0.133	0.145	0.153	0.161	0.139	11.83
48) t	Ethyl methacrylat	0.190	0.222	0.230	0.258	0.271	0.300	0.245	16.00
49) Rt	Toluene	0.595	0.628	0.681	0.703	0.731	0.767	0.684	9.38
50) T	t-1,3-Dichloropro	0.325	0.359	0.366	0.369	0.379	0.403	0.367	6.92
51) T	cis-1,3-Dichlorop	0.434	0.404	0.441	0.425	0.432	0.463	0.433	4.45
52) RT	1,1,2-Trichloroet	0.245	0.247	0.249	0.238	0.238	0.246	0.244	2.02
53) t	1,3-Dichloropropa	0.386	0.420	0.422	0.415	0.406	0.423	0.412	3.46

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54) t	2-Hexanone	0.108	0.119	0.127	0.138	0.143	0.150	0.131	12.11
55) t	Dibromochlorometh	0.291	0.279	0.273	0.286	0.285	0.296	0.285	2.91
56) T	1,2-Dibromoethane	0.220	0.227	0.234	0.226	0.225	0.231	0.227	2.22
57) S	4-Bromofluorobenz	0.396	0.375	0.390	0.373	0.416	0.405	0.392	4.30
58) RT	Tetrachloroethene	0.298	0.275	0.279	0.281	0.282	0.300	0.286	3.74
59) Rt	Chlorobenzene	0.731	0.793	0.762	0.777	0.799	0.844	0.784	4.84
60) T	1,1,1,2-Tetrachlo	0.303	0.315	0.300	0.283	0.285	0.302	0.298	4.00
61) t	Pentachloroethane	0.263	0.248	0.255	0.232	0.231	0.238	0.244	5.31
62) t	Hexachloroethane	0.251	0.225	0.235	0.232	0.231	0.244	0.236	3.95
63) Rt	Ethyl Benzene	1.103	1.111	1.173	1.295	1.386	1.488	1.259	12.47
64) RT	m/p-Xylenes	0.420	0.432	0.472	0.550	0.555	0.592	0.504	14.21
65) RT	o-Xylene	0.443	0.410	0.461	0.496	0.526	0.559	0.482	11.48
66) RT	Styrene	0.646	0.687	0.777	0.888	0.932	0.980	0.818	16.62
67) t	Bromoform	0.135	0.147	0.161	0.157	0.158	0.167	0.154	7.32
68) S	1,2-Dichlorobenze	0.377	0.402	0.403	0.406	0.405	0.438	0.405	4.81
69) T	Isopropylbenzene	1.062	1.076	1.165	1.300	1.359	1.461	1.237	13.08
70) T	1,1,2,2-Tetrachlo	0.319	0.318	0.345	0.320	0.313	0.323	0.323	3.47
71) T	1,2,3-Trichloropr	0.268	0.276	0.248	0.232	0.232	0.240	0.249	7.53
72) t	Bromobenzene	0.300	0.311	0.328	0.331	0.337	0.353	0.327	5.77
73) t	n-propylbenzene	0.288	0.306	0.326	0.378	0.396	0.422	0.353	15.25
74) t	2-Chlorotoluene	0.271	0.298	0.311	0.339	0.348	0.365	0.322	10.87
75) t	1,3,5-Trimethylbe	0.884	0.939	1.045	1.210	1.261	1.326	1.111	16.29
76) t	4-Chlorotoluene	0.286	0.291	0.333	0.354	0.364	0.384	0.335	11.83
77) t	tert-Butylbenzene	0.935	0.942	0.990	1.088	1.134	1.227	1.053	11.11
78) t	1,2,4-Trimethylbe	0.903	0.931	1.093	1.222	1.298	1.366	1.135	16.91
79) t	sec-Butylbenzene	1.197	1.245	1.424	1.530	1.600	1.697	1.449	13.68
80)	Nitrobenzene		0.030	0.007	0.009	0.010	0.012	0.013	70.28
81) t	p-Isopropyltoluen	0.953	0.977	1.146	1.238	1.339	1.415	1.178	16.01
82) t	1,3-Dichlorobenze	0.679	0.672	0.681	0.696	0.701	0.738	0.695	3.43
83) Rt	1,4-Dichlorobenze	0.637	0.655	0.670	0.706	0.710	0.745	0.687	5.85
84) t	n-Butylbenzene	1.026	1.047	1.150	1.267	1.332	1.411	1.205	12.97
85) Rt	1,2-Dichlorobenze	0.620	0.648	0.644	0.647	0.656	0.693	0.651	3.63
86) t	1,2-Dibromo-3-Chl	0.044	0.049	0.053	0.053	0.051	0.054	0.051	7.18
87) Rt	1,2,4-Trichlorobe	0.341	0.334	0.361	0.393	0.424	0.472	0.388	13.79
88) t	Hexachlorobutadie	0.250	0.235	0.238	0.231	0.230	0.250	0.239	3.78
89) t	Naphthalene	0.464	0.510	0.589	0.722	0.835	0.930	0.675	27.45
90) t	1,2,3-Trichlorobe	0.313	0.334	0.357	0.395	0.409	0.449	0.376	13.44

(#) = Out of Range