

Method Path : W:\HPCHEM1\MSV0A_X\METHOD\
 Method File : 624X051118W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 Last Update : Fri May 11 07:16:13 2018
 Response Via : Initial Calibration

Calibration Files

5 =VX001618.D 20 =VX001619.D 50 =VX001620.D
 100 =VX001621.D 150 =VX001622.D

Compound		5	20	50	100	150	Avg	%RSD

1) I	Bromochloromethane	-----ISTD-----						
2) M	Dichlorodifluoromet	1.352	1.712	1.568	1.647	1.031	1.462	18.92
3) M	Chloromethane	1.683	1.803	1.664	1.669	1.273	1.618	12.44
4) M	Vinyl Chloride	1.726	1.894	1.767	1.786	1.275	1.690	14.20
5) M	Bromomethane	0.982	1.135	0.778	0.731	0.551	0.835	27.18
6) M	Chloroethane	1.216	1.254	1.153	1.161	0.842	1.125	14.52
7) M	Trichlorofluorometh	2.550	2.723	2.554	2.639	1.675	2.428	17.59
8) T	Diethyl Ether	1.128	1.148	1.068	1.081	0.838	1.053	11.80
9)	1,1,2-Trichlorotrif	1.379	1.537	1.422	1.511	0.897	1.349	19.33
10) M	1,1-Dichloroethene	1.463	1.513	1.448	1.489	1.029	1.388	14.59
11)	Methyl Iodide	1.710	2.055	2.217	2.381	1.725	2.017	14.74
12)	Methyl Acetate	2.543	2.557	2.439	2.393	1.873	2.361	11.92
13) M	Acrolein	0.296	0.268	0.259	0.249	0.266	0.268	6.57
14) M	Acrylonitrile	1.014	1.016	0.980	0.959	0.745	0.943	11.99
15) M	Acetone	0.277	0.274	0.262	0.255	0.199	0.253	12.52
16) M	Carbon Disulfide	3.175	3.615	3.685	3.985	2.737	3.439	14.18
17)	Allyl chloride	2.726	2.861	2.743	2.814	2.100	2.649	11.77
18) M	Methylene Chloride	1.839	1.773	1.670	1.659	1.253	1.639	13.94
19) M	trans-1,2-Dichloroe	1.580	1.632	1.575	1.603	1.145	1.507	13.50
20) T	Diisopropyl ether	4.891	5.222	5.141	5.350	4.139	4.949	9.75
21) M	1,1-Dichloroethane	3.117	3.093	2.927	2.921	2.170	2.846	13.65
22) M	cis-1,2-Dichloroeth	1.772	1.811	1.742	1.821	1.351	1.699	11.62
23) M	tert-Butyl Alcohol	0.453	0.447	0.434	0.421	0.343	0.420	10.60
24) M	Methyl tert-Butyl E	5.401	5.475	5.176	5.176	3.997	5.045	11.91
25) M	Chloroform	3.129	3.147	3.042	3.054	2.288	2.932	12.38
26)	Cyclohexane	1.902	2.261	2.237	2.529	1.451	2.076	19.94
27) s	1,2-Dichloroethane-	2.218	2.235	2.153	2.154	2.185	2.189	1.69

28) I	1,4-Difluorobenzene	-----ISTD-----						
29)	1,1-Dichloropropene	0.379	0.410	0.401	0.416	0.278	0.377	15.10
30) M	2-Butanone	0.273	0.269	0.262	0.243	0.197	0.249	12.54
31)	2,2-Dichloropropane	0.345	0.350	0.342	0.338	0.245	0.324	13.75
32) M	1,1,1-Trichloroetha	0.497	0.525	0.507	0.506	0.362	0.479	13.90
33) M	Carbon Tetrachlorid	0.430	0.457	0.454	0.463	0.307	0.422	15.51
34) M	Benzene	1.297	1.308	1.259	1.237	0.925	1.205	13.19
35)	Methacrylonitrile	0.296	0.289	0.279	0.266	0.218	0.270	11.46
36) M	1,2-Dichloroethane	0.547	0.524	0.490	0.463	0.360	0.477	15.27
37) M	Trichloroethene	0.377	0.388	0.373	0.372	0.265	0.355	14.25
38)	Methylcyclohexane	0.372	0.439	0.440	0.483	0.282	0.403	19.51
39) M	1,2-Dichloropropane	0.333	0.325	0.313	0.304	0.235	0.302	12.91
40)	Dibromomethane	0.236	0.235	0.225	0.216	0.170	0.216	12.59
41) M	Bromodichloromethan	0.414	0.433	0.430	0.430	0.330	0.407	10.74
42) M	Vinyl Acetate	0.843	0.875	0.863	0.843	0.678	0.820	9.83
43)	Ethyl Acetate	0.512	0.509	0.493	0.474	0.382	0.474	11.29
44)	Isopropyl Acetate	0.751	0.756	0.760	0.753	0.609	0.726	9.02
45) T	1,4-Dioxane	0.009	0.009	0.009	0.009	0.007	0.009#	9.97
46)	Methyl methacrylate	0.398	0.414	0.416	0.406	0.326	0.392	9.63
47)	n-amyl Acetate	0.555	0.644	0.675	0.683	0.541	0.620	10.86
48) M	t-1,3-Dichloroprope	0.414	0.471	0.484	0.495	0.383	0.450	10.78
49) T	cis-1,3-Dichloropro	0.353	0.409	0.434	0.444	0.347	0.397	11.44
50) M	1,1,2-Trichloroetha	0.348	0.354	0.333	0.318	0.249	0.321	13.16
51)	Ethyl methacrylate	0.451	0.477	0.490	0.497	0.395	0.462	9.00
52)	1,3-Dichloropropane	0.577	0.575	0.551	0.527	0.410	0.528	13.05

Method Path : W:\HPCHEM1\MSV0A_X\METHOD\
 Method File : 624X051118W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 Last Update : Fri May 11 07:16:13 2018
 Response Via : Initial Calibration

Calibration Files

5 =VX001618.D 20 =VX001619.D 50 =VX001620.D
 100 =VX001621.D 150 =VX001622.D

	Compound	5	20	50	100	150	Avg	%RSD
53) M	Dibromochloromethan	0.318	0.349	0.357	0.360	0.281	0.333	10.01
54) M	1,2-Dibromoethane	0.355	0.373	0.354	0.340	0.268	0.338	12.15
55) M	2-Chloroethyl vinyl	0.238	0.264	0.265	0.252	0.210	0.246	9.27
56) M	Bromoform	0.232	0.272	0.295	0.312	0.250	0.272	11.96
57) I	Chlorobenzene-d5	-----ISTD-----						
58) M	4-Methyl-2-Pentanone	0.544	0.583	0.563	0.550	0.459	0.540	8.85
59) M	2-Hexanone	0.407	0.435	0.426	0.412	0.342	0.404	9.13
60) S	4-Bromofluorobenzene	0.449	0.477	0.479	0.484	0.485	0.475	3.07
61) M	Tetrachloroethene	0.462	0.481	0.463	0.465	0.311	0.436	16.11
62) M	Toluene	1.525	1.561	1.491	1.520	1.119	1.443	12.69
63) S	Toluene-d8	1.351	1.350	1.319	1.334	1.336	1.338	0.98
64) M	Chlorobenzene	1.003	1.036	0.973	0.997	0.732	0.948	12.98
65)	1,1,1,2-Tetrachloro	0.362	0.385	0.373	0.378	0.294	0.358	10.27
66) M	Ethyl Benzene	1.467	1.623	1.596	1.658	1.145	1.498	14.03
67) M	m/p-Xylenes	0.572	0.655	0.642	0.663	0.459	0.598	14.33
68) M	o-Xylene	0.581	0.637	0.626	0.649	0.464	0.592	12.77
69) M	Styrene	0.891	1.050	1.055	1.088	0.797	0.976	12.91
70)	Isopropylbenzene	1.444	1.682	1.638	1.720	1.136	1.524	15.84
71) M	1,1,2,2-Tetrachloro	0.542	0.545	0.516	0.522	0.431	0.511	9.07
72)	1,2,3-Trichloroprop	0.529	0.536	0.502	0.502	0.408	0.495	10.36
73)	Bromobenzene	0.473	0.495	0.480	0.493	0.369	0.462	11.45
74)	n-propylbenzene	1.520	1.850	1.813	1.946	1.259	1.678	16.87
75)	2-Chlorotoluene	1.038	1.158	1.113	1.151	0.801	1.052	14.08
76)	1,3,5-Trimethylbenz	1.203	1.408	1.382	1.448	0.972	1.283	15.39
77)	t-1,4-Dichloro-2-bu	0.097	0.124	0.135	0.154	0.127	0.127	15.99
78)	4-Chlorotoluene	1.133	1.306	1.283	1.335	0.925	1.197	14.28
79)	tert-butylbenzene	1.157	1.493	1.481	1.615	1.040	1.357	18.10
80)	1,2,4-Trimethylbenz	1.190	1.446	1.424	1.473	1.015	1.309	15.27
81)	sec-Butylbenzene	1.326	1.630	1.612	1.753	1.106	1.486	17.74
82)	p-Isopropyltoluene	1.157	1.493	1.481	1.615	1.040	1.357	18.10
83) M	1,3-Dichlorobenzene	0.789	0.864	0.849	0.889	0.637	0.806	12.58
84) M	1,4-Dichlorobenzene	0.776	0.866	0.859	0.902	0.646	0.810	12.67
85)	n-Butylbenzene	0.853	1.141	1.188	1.365	0.848	1.079	20.81
86) T	Hexachloroethane	0.179	0.224	0.229	0.267	0.176	0.215	17.66
87) M	1,2-Dichlorobenzene	0.837	0.894	0.871	0.904	0.669	0.835	11.53
88)	1,2-Dibromo-3-Chlor	0.108	0.124	0.128	0.129	0.106	0.119	9.10
89)	1,2,4-Trichlorobenz	0.516	0.614	0.638	0.699	0.499	0.593	14.23
90)	Hexachlorobutadiene	0.276	0.330	0.322	0.363	0.228	0.304	17.27
91) M	Naphthalene	1.486	1.868	1.953	2.001	1.578	1.777	13.01
92)	1,2,3-Trichlorobenz	0.576	0.661	0.670	0.708	0.523	0.628	12.10

(#) = Out of Range