

Method Path : W:\HPCHEM1\MSV0A X\METHOD\
 Method File : 624X022018W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 Last Update : Wed Feb 21 06:17:26 2018
 Response Via : Initial Calibration

Calibration Files

5 =VX000110.D 20 =VX000106.D 50 =VX000107.D
 100 =VX000108.D 10 =VX000111.D

	Compound	5	20	50	100	10	Avg	%RSD

1) I	Bromochloromethane	-----ISTD-----						
2) M	Dichlorodifluoromet	1.997	1.819	1.824	1.653	2.016	1.862	7.99
3) M	Chloromethane	2.088	1.888	1.759	1.573	2.023	1.866	11.10
4) M	Vinyl Chloride	2.450	2.216	2.136	1.905	2.395	2.220	9.81
5) M	Bromomethane	2.554	1.998	1.940	1.641	2.097	2.046	16.18
6) M	Chloroethane	1.613	1.395	1.337	1.219	1.542	1.421	11.12
7) M	Trichlorofluorometh	4.279	3.787	3.687	3.340	4.138	3.846	9.70
8) T	Diethyl Ether	1.434	1.385	1.280	1.218	1.399	1.343	6.73
9)	1,1,2-Trichlorotrif	2.158	2.094	2.032	1.864	2.345	2.099	8.36
10) M	1,1-Dichloroethene	2.117	2.010	1.922	1.784	2.190	2.005	7.99
11)	Methyl Iodide	1.894	1.615	2.158	2.321	1.754	1.948	14.84
12)	Methyl Acetate	3.816	3.583	3.520	3.121	3.870	3.582	8.31
13) M	Acrolein	0.496	0.409	0.387	0.416	0.447	0.431	9.78
14) M	Acrylonitrile	1.663	1.556	1.524	1.355	1.663	1.552	8.16
15) M	Acetone	0.540	0.530	0.502	0.419	0.539	0.506	10.09
16) M	Carbon Disulfide	6.399	5.656	5.485	5.098	6.028	5.733	8.73
17)	Allyl chloride	3.799	3.377	3.342	2.999	3.570	3.418	8.66
18) M	Methylene Chloride	2.412	2.143	2.039	1.914	2.414	2.184	10.25
19) M	trans-1,2-Dichloroe	2.354	2.159	2.071	1.964	2.357	2.181	7.97
20) T	Diisopropyl ether	6.041	5.159	5.247	5.210	5.325	5.396	6.77
21) M	1,1-Dichloroethane	3.838	3.670	3.431	3.148	3.697	3.557	7.63
22) M	cis-1,2-Dichloroeth	2.218	2.007	1.968	1.856	2.083	2.026	6.65
23) M	tert-Butyl Alcohol	0.989	0.910	0.889	0.725	0.924	0.887	11.08
24) M	Methyl tert-Butyl E	7.234	6.871	6.694	6.322	7.414	6.907	6.28
25) M	Chloroform	3.610	3.475	3.518	3.350	3.680	3.527	3.60
26)	Cyclohexane	2.976	2.737	2.778	2.535	2.918	2.789	6.18
27) s	1,2-Dichloroethane-	2.376	2.302	2.276	2.232	2.423	2.322	3.32

28) I	1,4-Difluorobenzene	-----ISTD-----						
29)	1,1-Dichloropropene	0.468	0.432	0.429	0.400	0.455	0.437	6.00
30) M	2-Butanone	0.369	0.345	0.335	0.287	0.344	0.336	8.94
31)	2,2-Dichloropropane	0.502	0.466	0.461	0.429	0.492	0.470	6.14
32) M	1,1,1-Trichloroetha	0.550	0.526	0.533	0.507	0.527	0.529	2.92
33) M	Carbon Tetrachlorid	0.467	0.465	0.480	0.460	0.475	0.469	1.72
34) M	Benzene	1.303	1.264	1.249	1.175	1.295	1.257	4.05
35)	Methacrylonitrile	0.354	0.308	0.298	0.272	0.316	0.310	9.65
36) M	1,2-Dichloroethane	0.514	0.477	0.463	0.435	0.495	0.477	6.35
37) M	Trichloroethene	0.402	0.376	0.364	0.347	0.369	0.372	5.37
38)	Methylcyclohexane	0.555	0.509	0.520	0.487	0.547	0.524	5.29
39) M	1,2-Dichloropropane	0.343	0.319	0.310	0.287	0.311	0.314	6.40
40)	Dibromomethane	0.249	0.240	0.242	0.233	0.244	0.242	2.47
41) M	Bromodichloromethan	0.475	0.463	0.462	0.443	0.456	0.460	2.54
42) M	Vinyl Acetate	1.011	0.831	0.822	0.796	0.826	0.857	10.18
43)	Ethyl Acetate	0.650	0.604	0.580	0.527	0.593	0.591	7.50
44)	Isopropyl Acetate	0.913	0.862	0.870	0.811	0.878	0.867	4.21
45) T	1,4-Dioxane	0.012	0.011	0.011	0.010	0.010	0.011#	6.46
46)	Methyl methacrylate	0.432	0.421	0.423	0.395	0.437	0.422	3.87
47)	n-amyl Acetate	0.744	0.741	0.787	0.771	0.740	0.757	2.84
48) M	t-1,3-Dichloroprope	0.547	0.543	0.537	0.519	0.528	0.535	2.12
49) T	cis-1,3-Dichloropro	0.519	0.525	0.535	0.520	0.505	0.521	2.04
50) M	1,1,2-Trichloroetha	0.366	0.346	0.359	0.345	0.359	0.355	2.59
51)	Ethyl methacrylate	0.561	0.527	0.553	0.538	0.540	0.544	2.45
52)	1,3-Dichloropropane	0.595	0.576	0.572	0.539	0.566	0.569	3.57

Method Path : W:\HPCHEM1\MSV0A X\METHOD\
 Method File : 624X022018W.M
 Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 Last Update : Wed Feb 21 06:17:26 2018
 Response Via : Initial Calibration

Calibration Files

5 =VX000110.D 20 =VX000106.D 50 =VX000107.D
 100 =VX000108.D 10 =VX000111.D

	Compound	5	20	50	100	10	Avg	%RSD
53) M	Dibromochloromethan	0.371	0.392	0.428	0.414	0.370	0.395	6.46
54) M	1,2-Dibromoethane	0.400	0.395	0.403	0.389	0.392	0.396	1.50
55) M	2-Chloroethyl vinyl	0.248	0.269	0.181	0.242	0.248	0.238	13.97
56) M	Bromoform	0.279	0.312	0.356	0.364	0.289	0.320	12.05
57) I	Chlorobenzene-d5	-----ISTD-----						
58) M	4-Methyl-2-Pentanone	0.685	0.676	0.651	0.611	0.663	0.657	4.36
59) M	2-Hexanone	0.573	0.576	0.561	0.513	0.560	0.556	4.55
60) S	4-Bromofluorobenzen	0.482	0.488	0.494	0.496	0.493	0.491	1.17
61) M	Tetrachloroethene	0.376	0.365	0.367	0.353	0.361	0.364	2.29
62) M	Toluene	1.596	1.577	1.554	1.474	1.604	1.561	3.35
63) S	Toluene-d8	1.294	1.287	1.272	1.275	1.297	1.285	0.86
64) M	Chlorobenzene	1.110	1.052	1.037	1.002	1.073	1.055	3.85
65)	1,1,1,2-Tetrachloro	0.356	0.375	0.389	0.372	0.376	0.374	3.14
66) M	Ethyl Benzene	1.841	1.811	1.769	1.665	1.822	1.782	3.95
67) M	m/p-Xylenes	0.715	0.695	0.711	0.674	0.697	0.698	2.33
68) M	o-Xylene	0.682	0.686	0.690	0.655	0.679	0.678	2.01
69) M	Styrene	1.114	1.133	1.146	1.118	1.109	1.124	1.36
70)	Isopropylbenzene	1.881	1.851	1.854	1.745	1.838	1.834	2.84
71) M	1,1,2,2-Tetrachloro	0.623	0.638	0.630	0.627	0.637	0.631	1.04
72)	1,2,3-Trichloroprop	0.578	0.587	0.572	0.526	0.568	0.566	4.15
73)	Bromobenzene	0.469	0.478	0.502	0.482	0.473	0.481	2.69
74)	n-propylbenzene	2.242	2.168	2.163	2.029	2.145	2.150	3.57
75)	2-Chlorotoluene	1.256	1.267	1.243	1.171	1.241	1.236	3.06
76)	1,3,5-Trimethylbenz	1.585	1.563	1.581	1.495	1.547	1.554	2.35
77)	t-1,4-Dichloro-2-bu	0.176	0.205	0.216	0.221	0.182	0.200	10.10
78)	4-Chlorotoluene	1.507	1.494	1.491	1.412	1.499	1.481	2.63
79)	tert-butylbenzene	1.567	1.572	1.590	1.492	1.514	1.547	2.71
80)	1,2,4-Trimethylbenz	1.594	1.620	1.621	1.537	1.554	1.585	2.43
81)	sec-Butylbenzene	1.935	1.945	1.947	1.820	1.914	1.912	2.79
82)	p-Isopropyltoluene	1.691	1.739	1.765	1.659	1.675	1.706	2.60
83) M	1,3-Dichlorobenzene	0.906	0.920	0.940	0.915	0.896	0.915	1.78
84) M	1,4-Dichlorobenzene	0.979	0.947	0.973	0.934	0.936	0.954	2.21
85)	n-Butylbenzene	1.638	1.626	1.607	1.538	1.591	1.600	2.43
86) T	Hexachloroethane	0.271	0.285	0.303	0.293	0.274	0.285	4.68
87) M	1,2-Dichlorobenzene	0.900	0.923	0.933	0.908	0.871	0.907	2.62
88)	1,2-Dibromo-3-Chlor	0.178	0.178	0.182	0.168	0.178	0.176	2.93
89)	1,2,4-Trichlorobenz	0.664	0.661	0.696	0.676	0.635	0.666	3.37
90)	Hexachlorobutadiene	0.294	0.275	0.302	0.291	0.273	0.287	4.34
91) M	Naphthalene	2.291	2.370	2.394	2.308	2.278	2.328	2.18
92)	1,2,3-Trichlorobenz	0.668	0.673	0.699	0.667	0.642	0.670	3.01

(#) = Out of Range