

Method Path : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\

Method File : VL032521AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021

Last Update : Thu Mar 25 09:42:40 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL036475.D 0.1 =VL036474.D 0.5 =VL036473.D

1 =VL036472.D 2 =VL036471.D 10 =VL036470.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.911	1.796	1.669	1.526	1.631	15.64
3)	Chlorodifluoromet			1.965	1.994	1.995	1.684	1.868	8.55
4)	Chloromethane			0.673	0.678	0.704	0.617	0.660	5.48
5) T	Vinyl Chloride	0.787	0.785	0.586	0.636	0.689	0.629	0.679	11.67
6) T	Bromomethane			0.377	0.374	0.392	0.352	0.374	3.83
7)	Chloroethane			0.237	0.250	0.240	0.210	0.233	6.42
8) T	Dichlorotetrafluo			1.577	1.689	1.720	1.439	1.557	10.06
9) T	Propene			0.587	0.590	0.642	0.572	0.596	4.54
10) T	Heptane			1.361	1.551	1.702	1.477	1.517	8.20
11) T	Trichlorofluorome			1.684	1.742	1.810	1.528	1.662	7.37
12) T	1,1,2-Trichlorotr			1.068	1.117	1.118	1.008	1.063	5.30
13)	Ethanol			0.078	0.066	0.075	0.070	0.071	8.00
14) T	Bromoethene			0.413	0.464	0.481	0.429	0.442	6.65
15) T	Acetone			1.092	0.979	1.106	0.858	0.984	11.58
16) T	1,3-Butadiene			0.681	0.707	0.720	0.654	0.685	4.03
17)	tert-Butyl alcoho			0.951	0.971	0.824	0.824	0.857	12.35
18) T	1,1-Dichloroethen			0.495	0.500	0.473	0.449	0.473	5.30
19) T	Isopropyl Alcohol			0.606	0.609	0.526	0.515	0.541	12.30
20) T	Methylene Chlorid			0.530	0.490	0.489	0.398	0.461	13.09
21) T	Allyl Chloride			0.782	0.760	0.828	0.774	0.785	3.29
22) T	trans-1,2-Dichlor			0.455	0.426	0.443	0.430	0.438	2.56
23) T	Vinyl Acetate			1.427	1.746	1.919	1.668	1.684	10.55
24) T	1,1-Dichloroethan			1.242	1.264	1.284	1.175	1.227	4.21
25) T	Ethyl Acetate			2.287	2.501	2.506	2.211	2.340	6.54
26) T	Hexane			1.027	1.137	1.197	1.040	1.086	7.10
27) T	Carbon Disulfide			0.979	0.935	1.184	1.092	1.070	10.23
28) T	Methyl tert-Butyl			1.265	1.318	1.338	1.270	1.281	3.86
29) T	Chloroform			1.816	1.775	1.852	1.611	1.737	6.34
30) T	Cyclohexane			0.800	0.902	0.939	0.878	0.881	5.78
31) T	cis-1,2-Dichloroe			0.935	1.045	1.159	1.052	1.050	7.53
32) T	1,1,1-Trichloroet	2.392	1.443	1.627	1.729	1.795	1.638	1.750	17.32
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.565	0.432	0.509	0.463	0.488	10.44
35) T	Carbon Tetrachlor	0.917	0.772	0.731	0.780	0.796	0.681	0.768	10.18
36) T	Benzene			0.871	0.999	1.008	0.868	0.922	8.02
37) T	1,2-Dichloroethan			0.524	0.595	0.569	0.508	0.543	6.88
38) T	Trichloroethene	0.464	0.354	0.335	0.363	0.377	0.310	0.359	14.82
39) T	1,2-Dichloropropa			0.332	0.431	0.408	0.349	0.374	11.42
40) T	1,4-Dioxane			0.091	0.108	0.088	0.078	0.087	16.52
41) T	Tetrahydrofuran			0.194	0.232	0.241	0.230	0.225	8.04
42) T	Bromodichlorometh			0.687	0.790	0.799	0.709	0.738	7.04
43)	Methyl Methacryla			0.247	0.316	0.334	0.322	0.310	11.46
44) T	2,2,4-Trimethylpe			1.603	1.826	1.836	1.449	1.623	12.56
45) T	t-1,3-Dichloropro			0.263	0.342	0.374	0.385	0.354	15.73
46) T	cis-1,3-Dichlorop			0.371	0.437	0.486	0.475	0.452	11.01
47) T	1,1,2-Trichloroet			0.380	0.397	0.416	0.348	0.379	7.61
48) T	Dibromochlorometh			0.489	0.593	0.630	0.582	0.578	9.09
49) T	Bromoform			0.398	0.458	0.505	0.478	0.465	8.92
50) T	4-Methyl-2-Pentan			0.635	0.696	0.778	0.706	0.706	7.25
51) T	2-Hexanone			0.265	0.312	0.394	0.393	0.356	18.21
52) T	Tetrachloroethene	0.394	0.355	0.326	0.355	0.351	0.299	0.340	10.28

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.825	1.042	1.100	0.975	0.982	10.48
54) T	1,2-Dibromoethane			0.491	0.578	0.579	0.506	0.535	7.65
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.467	0.478	0.483	0.432	0.452	7.64
57) T	Chlorobenzene			0.901	0.941	0.910	0.777	0.851	11.09
58) T	Ethyl Benzene			1.334	1.564	1.621	1.439	1.455	9.33
59) T	m/p-Xylene			1.226	1.393	1.424	1.206	1.269	10.81
60) T	o-Xylene			1.211	1.376	1.374	1.139	1.227	12.13
61) T	Styrene			0.465	0.589	0.681	0.689	0.617	15.20
62)	Isopropylbenzene			1.647	1.825	1.830	1.545	1.652	10.87
63) T	1,1,2,2-Tetrachlo	1.101	0.953	0.971	0.990	0.985	0.801	0.936	12.82
64)	n-propylbenzene			0.355	0.434	0.449	0.397	0.404	9.38
65)	tert-Butylbenzene			1.367	1.587	1.661	1.329	1.433	12.89
66) T	Benzyl Chloride			0.134	0.143	0.163	0.172	0.158	12.00
67)	sec-Butylbenzene			2.001	2.279	2.299	1.854	2.022	13.26
68) S	1-Bromo-4-Fluorob	0.798	0.790	0.804	0.775	0.768	0.836	0.797	2.83
69)	p-Isopropyltoluen			1.434	1.719	1.811	1.523	1.579	11.25
70)	n-Butylbenzene			1.494	1.758	1.924	1.570	1.638	12.20
71)	2-Chlorotoluene			1.152	1.346	1.394	1.191	1.238	10.12
72) T	4-Ethyltoluene			1.231	1.441	1.493	1.321	1.344	8.84
73) T	1,3,5-Trimethylbe			1.228	1.307	1.392	1.210	1.255	7.80
74) T	1,2,4-Trimethylbe			1.311	1.533	1.509	1.227	1.343	12.98
75) T	1,3-Dichlorobenze			0.764	0.845	0.790	0.705	0.756	8.93
76) T	1,4-Dichlorobenze			0.748	0.831	0.822	0.689	0.750	10.13
77) T	1,2-Dichlorobenze			0.742	0.731	0.770	0.663	0.710	7.55
78) T	Hexachloro-1,3-Bu			0.710	0.732	0.719	0.522	0.636	18.14
79) T	Naphthalene			0.528	0.684	0.859	0.919	0.784	22.11
80) T	Naphthalene,2-met			0.064	0.076	0.077	0.243	0.155	74.37
81) T	1,2,4-Trichlorobe			0.384	0.490	0.533	0.509	0.484	12.02

(#) = Out of Range ### Number of calibration levels exceeded format ###