

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

Method File : VL081621AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Aug 17 02:13:47 2021

Last Update : Tue Aug 17 02:13:47 2021

Response Via : Initial Calibration

Calibration Files

0.03=VL037460.D 0.1 =VL037459.D 0.5 =VL037458.D

1 =VL037457.D 2 =VL037456.D 10 =VL037455.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			2.236	1.643	1.472	1.366	1.605	23.41
3)	Chlorodifluoromet			2.101	2.058	2.017	1.699	1.915	10.39
4)	Chloromethane			0.745	0.716	0.684	0.657	0.684	7.16
5) T	Vinyl Chloride	0.838	0.667	0.686	0.750	0.705	0.626	0.701	10.50
6) T	Bromomethane			0.425	0.417	0.372	0.350	0.384	9.08
7)	Chloroethane			0.244	0.241	0.263	0.221	0.239	6.80
8) T	Dichlorotetrafluor			1.773	1.839	1.745	1.473	1.656	10.90
9) T	Propene			0.757	0.726	0.725	0.616	0.685	10.42
10) T	Heptane			1.539	1.669	1.649	1.496	1.577	4.90
11) T	Trichlorofluorome			1.663	1.609	1.544	1.336	1.506	9.50
12) T	1,1,2-Trichlorotr			1.197	1.203	1.130	0.959	1.105	9.55
13)	Ethanol			0.066	0.067	0.069	0.073	0.067	7.97
14) T	Bromoethene			0.533	0.521	0.515	0.467	0.502	6.01
15) T	Acetone			1.186	1.198	1.110	0.799	1.018	20.07
16) T	1,3-Butadiene			0.661	0.661	0.699	0.612	0.653	5.07
17)	tert-Butyl alcoho			0.969	1.028	0.922	0.927	0.930	8.89
18) T	1,1-Dichloroethen			0.538	0.543	0.511	0.452	0.502	8.18
19) T	Isopropyl Alcohol			0.596	0.687	0.581	0.577	0.583	12.98
20) T	Methylene Chlorid			0.628	0.563	0.546	0.405	0.510	19.63
21) T	Allyl Chloride			0.887	0.832	0.853	0.779	0.827	5.66
22) T	trans-1,2-Dichlor			0.497	0.550	0.497	0.447	0.501	7.42
23) T	Vinyl Acetate			1.731	1.308	1.720	1.507	1.500	15.27
24) T	1,1-Dichloroethan			1.124	1.188	1.165	0.996	1.088	9.25
25) T	Ethyl Acetate			2.630	2.668	2.861	2.389	2.584	7.96
26) T	Hexane			1.329	1.333	1.415	1.122	1.263	10.74
27) T	Carbon Disulfide			1.046	1.100	1.146	1.130	1.126	5.21
28) T	Methyl tert-Butyl			1.326	1.148	1.404	1.176	1.213	12.69
29) T	Chloroform			1.915	1.912	1.872	1.619	1.790	8.45
30) T	Cyclohexane			1.123	1.114	1.086	0.973	1.053	7.29
31) T	cis-1,2-Dichloroe			1.111	1.200	1.209	1.098	1.143	4.94
32) T	1,1,1-Trichloroet	2.119	1.639	1.715	1.796	1.815	1.615	1.759	10.18
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.418	0.422	0.454	0.379	0.408	8.45
35) T	Carbon Tetrachlor	0.691	0.538	0.593	0.570	0.624	0.557	0.591	8.80
36) T	Benzene			0.837	0.884	0.915	0.785	0.841	7.06
37) T	1,2-Dichloroethan			0.437	0.426	0.434	0.389	0.416	5.28
38) T	Trichloroethene	0.392	0.372	0.355	0.338	0.351	0.303	0.345	9.60
39) T	1,2-Dichloropropa			0.327	0.348	0.339	0.302	0.323	6.86
40) T	1,4-Dioxane			0.075	0.094	0.083	0.078	0.079	13.76
41) T	Tetrahydrofuran			0.196	0.200	0.210	0.191	0.197	4.50
42) T	Bromodichlorometh			0.631	0.614	0.622	0.592	0.609	3.23
43)	Methyl Methacryla			0.291	0.291	0.309	0.287	0.293	3.13
44) T	2,2,4-Trimethylpe			1.491	1.494	1.545	1.292	1.415	9.39
45) T	t-1,3-Dichloropro			0.186	0.183	0.224	0.251	0.221	15.84
46) T	cis-1,3-Dichlorop			0.270	0.281	0.336	0.322	0.308	9.76
47) T	1,1,2-Trichloroet			0.362	0.372	0.373	0.319	0.349	7.88
48) T	Dibromochlorometh			0.455	0.484	0.533	0.515	0.502	6.45
49) T	Bromoform			0.341	0.351	0.437	0.417	0.396	11.72
50) T	4-Methyl-2-Pentan			0.536	0.542	0.558	0.513	0.533	3.53
51) T	2-Hexanone			0.225	0.242	0.261	0.241	0.245	5.87
52) T	Tetrachloroethene	0.449	0.345	0.355	0.335	0.342	0.296	0.344	15.26

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.956	0.962	1.050	0.922	0.960	5.77
54) T	1,2-Dibromoethane			0.500	0.493	0.504	0.464	0.487	3.49
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.434	0.447	0.428	0.393	0.417	6.67
57) T	Chlorobenzene			0.926	0.902	0.836	0.760	0.830	10.51
58) T	Ethyl Benzene			1.416	1.470	1.449	1.318	1.388	5.86
59) T	m/p-Xylene			1.235	1.298	1.287	1.136	1.203	8.55
60) T	o-Xylene			1.162	1.224	1.194	1.041	1.123	8.92
61) T	Styrene			0.508	0.578	0.622	0.608	0.583	7.71
62)	Isopropylbenzene			1.716	1.669	1.674	1.467	1.585	9.00
63) T	1,1,2,2-Tetrachlo	0.917	0.792	0.892	0.877	0.878	0.758	0.835	8.88
64)	n-propylbenzene			0.404	0.415	0.424	0.395	0.403	4.42
65)	tert-Butylbenzene			1.522	1.581	1.565	1.321	1.443	11.05
66) T	Benzyl Chloride			0.046	0.063	0.060	0.075	0.065	21.41
67)	sec-Butylbenzene			2.146	2.201	2.189	1.837	2.017	11.27
68) S	1-Bromo-4-Fluorob	0.716	0.703	0.730	0.704	0.667	0.735	0.710	3.20
69)	p-Isopropyltoluen			1.645	1.771	1.788	1.548	1.643	8.54
70)	n-Butylbenzene			1.530	1.629	1.721	1.529	1.570	6.79
71)	2-Chlorotoluene			1.216	1.217	1.240	1.090	1.162	7.49
72) T	4-Ethyltoluene			1.315	1.450	1.380	1.289	1.336	6.03
73) T	1,3,5-Trimethylbe			1.246	1.371	1.311	1.161	1.243	8.16
74) T	1,2,4-Trimethylbe			1.422	1.399	1.443	1.213	1.321	10.67
75) T	1,3-Dichlorobenze			0.866	0.844	0.821	0.727	0.795	8.56
76) T	1,4-Dichlorobenze			0.833	0.852	0.838	0.754	0.801	6.93
77) T	1,2-Dichlorobenze			0.807	0.842	0.840	0.726	0.783	8.41
78) T	Hexachloro-1,3-Bu			0.749	0.710	0.714	0.550	0.651	15.65
79) T	Naphthalene			0.679	0.840	0.959	0.956	0.884	14.44
80) T	Naphthalene,2-met			0.144	0.201	0.260	0.329	0.246	30.23
81) T	1,2,4-Trichlorobe			0.496	0.545	0.598	0.562	0.555	6.90

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