

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

Method File : VL080320AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Aug 04 05:31:29 2020

Last Update : Tue Aug 04 05:31:29 2020

Response Via : Initial Calibration

Calibration Files

0.03=VL035320.D 0.1 =VL035319.D 0.5 =VL035318.D

1 =VL035317.D 2 =VL035316.D 10 =VL035315.D

	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
1) I	Bromochloromethane	-----ISTD-----							
2) T	Dichlorodifluorom			1.560	1.366	1.156	1.613	1.308	24.05
3)	Chlorodifluoromet			1.209	1.212	1.249	1.159	1.149	11.65
4)	Chloromethane			0.722	0.670	0.700	0.666	0.656	11.88
5) T	Vinyl Chloride	0.653	0.632	0.598	0.670	0.693	0.679	0.639	8.12
6) T	Bromomethane			0.439	0.430	0.456	0.427	0.420	9.77
7)	Chloroethane			0.270	0.267	0.265	0.261	0.254	10.42
8) T	Dichlorotetrafluor			1.840	1.703	1.649	1.549	1.578	16.59
9) T	Propene			0.385	0.388	0.484	0.470	0.415	14.06
10) T	Heptane			0.851	1.002	1.174	1.240	1.066	14.26
11) T	Trichlorofluorome			1.909	1.846	1.816	1.623	1.709	13.30
12) T	1,1,2-Trichlorotr			1.264	1.305	1.281	1.133	1.191	11.67
13)	Ethanol			0.174	0.172	0.183	0.137	0.153	22.38
14) T	Bromoethene			0.462	0.512	0.531	0.515	0.491	8.46
15) T	Acetone			1.715	1.623	1.647	1.217	1.446	21.11
16) T	1,3-Butadiene			0.520	0.490	0.610	0.592	0.539	10.83
17)	tert-Butyl alcoho			1.382	1.388	1.366	1.327	1.317	8.48
18) T	1,1-Dichloroethen			0.559	0.552	0.580	0.534	0.536	8.88
19) T	Isopropyl Alcohol			0.922	0.966	0.953	0.933	0.908	8.83
20) T	Methylene Chlorid			0.845	0.749	0.817	0.491	0.660	30.54
21) T	Allyl Chloride			0.762	0.841	0.904	0.862	0.819	8.95
22) T	trans-1,2-Dichlor			0.554	0.557	0.573	0.525	0.532	9.13
23) T	Vinyl Acetate			1.092	1.458	1.670	1.636	1.433	16.73
24) T	1,1-Dichloroethan			1.391	1.364	1.474	1.346	1.333	10.77
25) T	Ethyl Acetate			2.103	2.217	2.452	2.287	2.186	9.95
26) T	Hexane			0.846	0.998	1.156	1.033	0.979	13.15
27) T	Carbon Disulfide			1.301	1.294	1.429	1.376	1.317	7.08
28) T	Methyl tert-Butyl			1.237	1.474	1.701	1.641	1.471	13.84
29) T	Chloroform			1.740	1.701	1.813	1.643	1.655	10.00
30) T	Cyclohexane			0.669	0.617	0.809	0.864	0.734	13.79
31) T	cis-1,2-Dichloroe			0.765	0.852	1.012	1.031	0.903	12.69
32) T	1,1,1-Trichloroet	1.619	1.618	1.628	1.620	1.717	1.630	1.601	6.63
33) I	1,4-Difluorobenzene	-----ISTD-----							
34) T	2-Butanone			0.448	0.504	0.620	0.585	0.526	13.86
35) T	Carbon Tetrachlor	0.658	0.568	0.646	0.638	0.699	0.707	0.647	7.50
36) T	Benzene			0.620	0.699	0.824	0.832	0.733	12.54
37) T	1,2-Dichloroethan			0.483	0.481	0.538	0.529	0.497	7.25
38) T	Trichloroethene	0.140	0.256	0.241	0.270	0.335	0.347	0.269	25.67
39) T	1,2-Dichloropropa			0.247	0.275	0.327	0.323	0.289	12.06
40) T	1,4-Dioxane			0.112	0.123	0.127	0.149	0.125	11.49
41) T	Tetrahydrofuran			0.190	0.237	0.292	0.320	0.260	19.31
42) T	Bromodichlorometh			0.630	0.659	0.738	0.735	0.678	8.19
43)	Methyl Methacryla			0.212	0.269	0.338	0.382	0.306	21.74
44) T	2,2,4-Trimethylpe			1.018	1.225	1.444	1.411	1.256	13.93
45) T	t-1,3-Dichloropro			0.216	0.257	0.345	0.436	0.327	27.46
46) T	cis-1,3-Dichlorop			0.263	0.326	0.420	0.506	0.391	24.65
47) T	1,1,2-Trichloroet			0.323	0.326	0.358	0.361	0.335	6.75
48) T	Dibromochlorometh			0.484	0.487	0.594	0.620	0.546	11.31
49) T	Bromoform			0.387	0.420	0.510	0.559	0.475	14.81
50) T	4-Methyl-2-Pentan			0.553	0.695	0.849	0.869	0.744	17.26
51) T	2-Hexanone			0.407	0.494	0.654	0.703	0.575	21.12
52) T	Tetrachloroethene	0.219	0.215	0.221	0.267	0.306	0.310	0.258	15.87

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	Compound	0.03	0.1	0.5	1	2	10	Avg	%RSD
53) T	Toluene			0.513	0.657	0.881	0.969	0.771	23.82
54) T	1,2-Dibromoethane			0.436	0.477	0.539	0.546	0.496	9.31
55) I	Chlorobenzene-d5	-----ISTD-----							
56)	1,1,1,2-Tetrachlo			0.494	0.472	0.501	0.471	0.469	7.77
57) T	Chlorobenzene			0.771	0.791	0.831	0.762	0.765	7.65
58) T	Ethyl Benzene			0.750	0.995	1.307	1.293	1.096	21.15
59) T	m/p-Xylene			0.816	1.005	1.172	1.099	1.011	13.45
60) T	o-Xylene			0.775	0.986	1.170	1.095	0.999	14.96
61) T	Styrene			0.369	0.508	0.715	0.785	0.615	27.91
62)	Isopropylbenzene			1.255	1.525	1.757	1.606	1.508	12.80
63) T	1,1,2,2-Tetrachlo	0.758	0.675	0.820	0.829	0.888	0.807	0.784	9.43
64)	n-propylbenzene			0.298	0.390	0.446	0.437	0.394	14.92
65)	tert-Butylbenzene			1.092	1.346	1.594	1.446	1.350	13.94
66) T	Benzyl Chloride			0.425	0.461	0.543	0.607	0.522	14.72
67)	sec-Butylbenzene			1.570	1.941	2.279	2.019	1.909	14.23
68) S	1-Bromo-4-Fluorob	0.851	0.851	0.861	0.855	0.818	0.784	0.838	3.30
69)	p-Isopropyltoluen			1.243	1.586	1.875	1.699	1.579	14.93
70)	n-Butylbenzene			1.366	1.709	2.022	1.811	1.699	14.42
71)	2-Chlorotoluene			0.844	1.077	1.336	1.263	1.125	16.93
72) T	4-Ethyltoluene			0.780	1.075	1.340	1.294	1.128	19.67
73) T	1,3,5-Trimethylbe			0.820	1.097	1.304	1.213	1.105	16.50
74) T	1,2,4-Trimethylbe			1.131	1.300	1.472	1.291	1.266	11.10
75) T	1,3-Dichlorobenze			0.808	0.815	0.870	0.762	0.788	8.82
76) T	1,4-Dichlorobenze			0.698	0.764	0.821	0.756	0.746	7.23
77) T	1,2-Dichlorobenze			0.702	0.730	0.806	0.731	0.727	7.17
78) T	Hexachloro-1,3-Bu			0.595	0.613	0.657	0.565	0.590	8.73
79) T	Naphthalene			0.697	0.914	1.184	1.140	1.002	19.86
80) T	Naphthalene,2-met			0.143	0.172	0.323	0.405	0.294	44.47
81) T	1,2,4-Trichlorobe			0.492	0.596	0.705	0.650	0.610	12.93

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