

Method Path : W:\HPCHEM1\MSVOA_L\METHODS\

Method File : VL070715AIR.M

Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jul 08 02:22:55 2015

Last Update : Wed Jul 08 02:22:55 2015

Response Via : Initial Calibration

Calibration Files

0.03=VL025609.D 0.1 =VL025608.D 0.5 =VL025607.D 1 =VL025606.D 2 =VL025605.D 10 =VL025604.D 15 =VL025610.D

Compound		0.03	0.1	0.5	1	2	10	15	Avg	%RSD
-----ISTD-----										
1) I	Bromochloromethane									
2) T	Dichlorodifluo...		3.204	2.872	2.427	2.593	1.856	2.590	19.51	
3)	Chlorodifluoro...		1.534	1.553	1.555	1.248	1.158	1.409	13.58	
4)	Chloromethane		0.719	0.683	0.711	0.582	0.520	0.643	13.63	
5) T	Vinyl Chloride	0.635	0.750	0.724	0.747	0.770	0.641	0.592	0.694	10.04
6) T	Bromomethane		0.627	0.606	0.600	0.501	0.483	0.563	11.72	
7)	Chloroethane		0.340	0.356	0.356	0.291	0.274	0.323	11.89	
8) T	Dichlorotetra...		2.501	2.530	2.452	1.989	1.888	2.272	13.55	
9) T	Propene		0.472	0.505	0.527	0.444	0.392	0.468	11.29	
10) T	Heptane		1.714	1.919	2.057	1.718	1.707	1.823	8.70	
11) T	Trichlorofluor...		3.701	3.708	3.558	2.919	2.919	3.361	12.14	
12) T	1,1,2-Trichlor...		2.187	2.062	2.025	1.678	1.681	1.927	12.10	
13)	Ethanol		0.061	0.090	0.097	0.071	0.046	0.073	28.65	
14) T	Bromoethene		0.662	0.697	0.684	0.568	0.550	0.632	10.78	
15) T	Acetone		2.023	2.051	1.933	1.420	1.406	1.767	18.43	
16) T	1,3-Butadiene		0.727	0.757	0.785	0.638	0.610	0.703	10.78	
17)	tert-Butyl alc...		1.360	1.525	1.605	1.486	1.435	1.482	6.22	
18) T	1,1-Dichloroet...		0.785	0.790	0.792	0.673	0.649	0.738	9.59	
19) T	Isopropyl Alcohol		0.635	0.813	0.811	0.703	0.563	0.705	15.53	
20) T	Methylene Chlo...		0.832	0.806	0.751	0.610	0.591	0.718	15.54	
21) T	Allyl Chloride		1.185	1.185	1.174	1.001	0.985	1.106	9.37	
22) T	trans-1,2-Dich...		0.795	0.796	0.817	0.695	0.663	0.753	9.22	
23) T	Vinyl Acetate		2.376	2.799	2.988	2.643	2.577	2.677	8.63	
24) T	1,1-Dichloroet...		1.938	1.921	1.947	1.606	1.560	1.794	10.81	
25) T	Ethyl Acetate		2.668	2.790	2.929	2.495	2.486	2.673	7.15	
26) T	Hexane		1.217	1.333	1.425	1.172	1.146	1.259	9.34	
27) T	Carbon Disulfide		2.098	2.118	2.192	1.913	1.869	2.038	6.84	
28) T	Methyl tert-Bu...		2.256	2.624	2.765	2.473	2.395	2.503	7.91	
29) T	Chloroform		2.659	2.726	2.647	2.172	2.228	2.486	10.61	
30) T	Cyclohexane		1.161	1.261	1.336	1.121	1.137	1.203	7.68	
31) T	cis-1,2-Dichlo...		1.122	1.279	1.389	1.239	1.226	1.251	7.74	
32) T	1,1,1-Trichlor...	2.678	2.666	2.732	2.880	2.945	2.479	2.527	2.701	6.30
-----ISTD-----										
33) I	1,4-Difluorobenzene									
34) T	2-Butanone		0.535	0.583	0.622	0.549	0.548	0.567	6.25	
35) T	Carbon Tetrach...	1.103	1.057	1.058	1.122	1.135	0.977	1.008	1.066	5.50
36) T	Benzene		0.890	1.016	1.059	0.917	0.905	0.958	7.84	
37) T	1,2-Dichloroet...		0.822	0.875	0.876	0.749	0.766	0.818	7.27	

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38) T	Trichloroethene	0.438	0.389	0.441	0.496	0.516	0.416	0.420	0.445	10.16	
39) T	1,2-Dichloropr...			0.340	0.381	0.396	0.330	0.322	0.354	9.33	
40) T	1,4-Dioxane			0.033	0.048	0.066	0.082	0.048	0.055	33.93	
41) T	Tetrahydrofuran			0.236	0.275	0.327	0.293	0.285	0.283	11.58	
42) T	Bromodichlorom...			0.958	1.032	1.059	0.931	0.952	0.986	5.65	
43)	Methyl Methacr...			0.282	0.370	0.411	0.387	0.388	0.368	13.62	
44) T	2,2,4-Trimethy...			1.457	1.758	1.899	1.573	1.528	1.643	11.05	
45) T	t-1,3-Dichloro...			0.442	0.575	0.680	0.689	0.705	0.618	17.93	
46) T	cis-1,3-Dichlo...			0.503	0.664	0.760	0.742	0.749	0.683	15.81	
47) T	1,1,2-Trichlor...			0.475	0.519	0.545	0.458	0.464	0.492	7.68	
48) T	Dibromochlorom...			0.813	0.892	0.962	0.859	0.878	0.881	6.17	
49) T	Bromoform			0.643	0.734	0.780	0.718	0.756	0.726	7.20	
50) T	4-Methyl-2-Pen...			0.645	0.832	0.921	0.838	0.852	0.817	12.57	
51) T	2-Hexanone			0.508	0.679	0.846	0.812	0.823	0.733	19.34	
52) T	Tetrachloroethene	0.400	0.422	0.483	0.543	0.559	0.478	0.477	0.480	12.02	
53) T	Toluene			1.081	1.374	1.556	1.366	1.354	1.346	12.64	
54) T	1,2-Dibromoethane			0.773	0.822	0.879	0.748	0.759	0.796	6.82	
55) I	Chlorobenzene-d5	-----ISTD-----									
56)	1,1,1,2-Tetrac...			0.575	0.596	0.577	0.461	0.495	0.541	10.95	
57) T	Chlorobenzene			1.161	1.199	1.150	0.892	0.918	1.064	13.78	
58) T	Ethyl Benzene			1.407	1.763	1.890	1.580	1.617	1.652	11.15	
59) T	m/p-Xylene			1.426	1.596	1.622	1.284	1.330	1.451	10.54	
60) T	o-Xylene			1.553	1.736	1.734	1.366	1.425	1.563	10.95	
61) T	Styrene			0.366	0.521	0.642	0.587	0.623	0.548	20.40	
62)	Isopropylbenzene			2.006	2.214	2.288	1.829	1.877	2.043	9.91	
63) T	1,1,2,2-Tetrac...	1.130	1.016	1.179	1.185	1.137	0.869	0.884	1.057	12.79	
64)	n-propylbenzene			0.524	0.608	0.630	0.488	0.511	0.552	11.34	
65)	tert-Butylbenzene			1.972	2.258	2.305	1.723	1.771	2.006	13.42	
66) T	Benzyl Chloride			0.611	0.726	0.798	0.755	0.788	0.736	10.22	
67)	sec-Butylbenzene			2.750	3.211	3.238	2.434	2.419	2.810	14.24	
68) S	1-Bromo-4-Fluo...	0.864	0.848	0.876	0.858	0.814	0.804	0.842	0.844	3.12	
69)	p-Isopropyltol...			2.154	2.592	2.725	2.040	2.070	2.316	13.77	
70)	n-Butylbenzene			2.229	2.654	2.804	2.015	2.043	2.349	15.34	
71)	2-Chlorotoluene			1.313	1.612	1.757	1.374	1.437	1.499	12.17	
72) T	4-Ethyltoluene			1.537	1.883	1.995	1.580	1.645	1.728	11.59	
73) T	1,3,5-Trimethy...			1.601	1.850	1.943	1.522	1.577	1.699	10.93	
74) T	1,2,4-Trimethy...			1.962	2.142	2.172	1.595	1.640	1.902	14.34	
75) T	1,3-Dichlorobe...			1.369	1.394	1.377	1.011	1.041	1.238	15.71	
76) T	1,4-Dichlorobe...			1.312	1.382	1.391	1.040	1.080	1.241	13.61	
77) T	1,2-Dichlorobe...			1.305	1.368	1.380	1.028	1.064	1.229	13.80	
78) T	Hexachloro-1,3...			0.837	0.883	0.877	0.566	0.618	0.756	20.14	
79) T	Naphthalene			1.740	2.115	2.230	1.485	1.616	1.837	17.51	
80) T	Naphthalene,2-...			0.553	0.603	0.633	0.413	0.469	0.534	17.24	
81) T	1,2,4-Trichlor...			0.875	1.011	1.055	0.697	0.767	0.881	17.40	

(#) = Out of Range