

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM040120WMA.M
 Title : VOC Analysis
 Last Update : Thu Apr 02 02:22:09 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV015327.D 10 =VV015328.D 50 =VV015329.D
 100 =VV015330.D 200 =VV015331.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.455	0.477	0.439	0.444	0.446	0.452	3.30
3) T	Chloromethane	0.453	0.460	0.414	0.406	0.397	0.426	6.71
4) S	Vinyl Chloride-d3	0.502	0.513	0.412	0.409	0.405	0.448	12.06
5) T	Vinyl chloride	0.479	0.486	0.425	0.422	0.419	0.446	7.44
6) T	Bromomethane	0.311	0.308	0.288	0.286	0.282	0.295	4.59
7) S	Chloroethane-d5	0.441	0.430	0.348	0.345	0.351	0.383	12.60
8) T	Chloroethane	0.340	0.354	0.287	0.272	0.280	0.307	12.19
9) T	Trichlorofluorometh	0.822	0.841	0.820	0.827	0.909	0.844	4.40
10) T	1,1,2-Trichloro-1,2	0.388	0.414	0.360	0.364	0.359	0.377	6.29
11) S	1,1-Dichloroethene-	0.871	0.896	0.744	0.754	0.742	0.801	9.39
12) T	1,1-Dichloroethene	0.366	0.379	0.350	0.348	0.347	0.358	3.91
13) T	Acetone	0.156	0.170	0.158	0.152	0.146	0.156	5.70
14) T	Carbon disulfide	1.002	1.048	0.961	0.967	0.971	0.990	3.65
15) T	Methyl Acetate	0.331	0.352	0.350	0.346	0.333	0.343	2.87
16) T	Methylene chloride	0.397	0.406	0.371	0.362	0.357	0.378	5.72
17) T	trans-1,2-Dichloroe	0.343	0.358	0.332	0.339	0.336	0.342	2.88
18) T	Methyl tert-butyl E	1.110	1.226	1.113	1.103	1.079	1.126	5.11
19) T	1,1-Dichloroethane	0.635	0.670	0.608	0.604	0.591	0.622	5.03
20) T	cis-1,2-Dichloroeth	0.398	0.417	0.380	0.381	0.380	0.391	4.17
21) S	2-Butanone-d5	0.257	0.238	0.231	0.234	0.231	0.238	4.60
22) T	2-Butanone	0.207	0.218	0.248	0.247	0.237	0.231	7.89
23) T	Bromochloromethane	0.200	0.208	0.191	0.192	0.196	0.197	3.31
24) S	Chloroform-d	0.823	0.831	0.690	0.683	0.674	0.740	10.77
25) T	Chloroform	0.705	0.728	0.656	0.647	0.634	0.674	6.01
26) S	1,2-Dichloroethane-	0.514	0.533	0.429	0.421	0.409	0.461	12.51
27) T	1,2-Dichloroethane	0.517	0.554	0.496	0.493	0.478	0.508	5.74

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.644	0.641	0.561	0.569	0.560	0.595	7.32
30) T	1,1,1-Trichloroetha	0.661	0.698	0.618	0.621	0.615	0.643	5.68
31) T	Carbon tetrachlorid	0.540	0.594	0.533	0.542	0.537	0.549	4.61
32) S	Benzene-d6	1.778	1.781	1.369	1.400	1.371	1.540	14.23
33) T	Benzene	1.476	1.628	1.433	1.450	1.413	1.480	5.81
34) T	Trichloroethene	0.395	0.418	0.375	0.387	0.384	0.392	4.09
35) T	Methylcyclohexane	0.646	0.711	0.608	0.629	0.617	0.642	6.36
36) S	1,2-Dichloropropane	0.503	0.524	0.413	0.420	0.410	0.454	12.14
37) T	1,2-Dichloropropane	0.372	0.377	0.358	0.361	0.348	0.363	3.13
38) T	Bromodichloromethan	0.536	0.568	0.520	0.524	0.514	0.532	4.03
39) T	cis-1,3-Dichloropro	0.589	0.644	0.590	0.627	0.602	0.610	3.96
40) T	4-Methyl-2-pentanone	0.498	0.559	0.500	0.508	0.488	0.511	5.46
41) S	Toluene-d8	1.639	1.691	1.332	1.367	1.332	1.472	12.07
42) T	Toluene	1.671	1.756	1.602	1.618	1.577	1.645	4.32
43) S	trans-1,3-Dichlorop	0.283	0.275	0.226	0.235	0.235	0.251	10.53
44) T	trans-1,3-Dichlorop	0.566	0.623	0.578	0.603	0.595	0.593	3.74
45) T	1,1,2-Trichloroetha	0.406	0.398	0.373	0.372	0.366	0.383	4.70
46) T	Tetrachloroethene	0.272	0.285	0.272	0.285	0.290	0.281	3.00
47) S	2-Hexanone-d5	0.216	0.236	0.192	0.198	0.194	0.207	9.02
48) T	2-Hexanone	0.357	0.403	0.393	0.400	0.380	0.387	4.77
49) T	Dibromochloromethan	0.402	0.430	0.407	0.431	0.427	0.419	3.26
50) T	1,2-Dibromoethane	0.394	0.433	0.405	0.410	0.403	0.409	3.53
51) T	Chlorobenzene	1.091	1.135	1.050	1.071	1.043	1.078	3.46
52) T	Ethylbenzene	1.819	1.982	1.813	1.840	1.776	1.846	4.29

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.684	0.743	0.707	0.721	0.699	0.711	3.14
54) T	o-xylene	0.717	0.746	0.703	0.711	0.683	0.712	3.21
55) T	Styrene	1.132	1.220	1.172	1.221	1.175	1.184	3.14
56) T	Isopropylbenzene	1.788	1.966	1.828	1.857	1.783	1.844	4.03
57) S	1,1,2,2-Tetrachloro	0.685	0.749	0.595	0.609	0.591	0.646	10.73
58) T	1,1,2,2-Tetrachloro	0.637	0.666	0.592	0.596	0.582	0.615	5.78
59)	1,2,3-Trichloroprop	0.511	0.529	0.477	0.475	0.459	0.490	5.82
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.494	0.559	0.553	0.585	0.602	0.559	7.37
62) T	1,3-Dichlorobenzene	1.683	1.790	1.650	1.658	1.635	1.683	3.71
63) T	1,4-Dichlorobenzene	1.787	1.798	1.643	1.659	1.649	1.707	4.57
64) S	1,2-Dichlorobenzene	1.309	1.308	1.021	1.027	1.021	1.137	13.73
65) T	1,2-Dichlorobenzene	1.745	1.888	1.666	1.659	1.626	1.717	6.13
66) T	1,2-Dibromo-3-chlor	0.369	0.372	0.323	0.320	0.311	0.339	8.64
67)	1,3,5-Trichlorobenz	1.065	1.149	1.099	1.117	1.148	1.116	3.18
68) T	1,2,4-trichlorobenz	0.937	0.988	1.011	1.061	1.098	1.019	6.17
69)	Naphthalene	3.716	3.989	3.870	3.996	3.907	3.896	2.92
70) T	1,2,3-Trichlorobenz	0.981	1.070	1.035	1.077	1.084	1.050	4.07

(#) = Out of Range