

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : SOMVLM051820WMA.M
 Title : VOC Analysis
 Last Update : Tue May 19 03:49:05 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV016090.D 10 =VV016091.D 50 =VV016096.D
 100 =VV016093.D 200 =VV016094.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.478	0.402	0.352	0.353	0.353	0.387	14.20
3) T	Chloromethane	0.498	0.416	0.368	0.366	0.366	0.403	14.20
4) S	Vinyl Chloride-d3	0.374	0.368	0.342	0.361	0.359	0.361	3.34
5) T	Vinyl chloride	0.462	0.410	0.356	0.359	0.363	0.390	11.75
6) T	Bromomethane	0.283	0.236	0.219	0.222	0.222	0.236	11.46
7) S	Chloroethane-d5	0.344	0.323	0.303	0.316	0.312	0.320	4.85
8) T	Chloroethane	0.315	0.266	0.249	0.231	0.232	0.259	13.38
9) T	Trichlorofluorometh	0.638	0.540	0.499	0.485	0.473	0.527	12.71
10) T	1,1,2-Trichloro-1,2	0.389	0.337	0.291	0.291	0.292	0.320	13.51
11) S	1,1-Dichloroethene-	0.748	0.679	0.649	0.670	0.664	0.682	5.63
12) T	1,1-Dichloroethene	0.359	0.303	0.264	0.271	0.270	0.294	13.52
13) T	Acetone	0.260	0.233	0.185	0.187	0.193	0.212	15.71
14) T	Carbon disulfide	0.972	0.845	0.791	0.799	0.817	0.845	8.77
15) T	Methyl Acetate	0.416	0.350	0.330	0.339	0.334	0.354	10.08
16) T	Methylene chloride	0.465	0.391	0.340	0.344	0.345	0.377	14.12
17) T	trans-1,2-Dichloroe	0.386	0.328	0.299	0.302	0.308	0.325	11.13
18) T	Methyl tert-butyl E	1.250	1.110	1.043	1.069	1.086	1.112	7.30
19) T	1,1-Dichloroethane	0.775	0.681	0.614	0.624	0.624	0.663	10.22
20) T	cis-1,2-Dichloroeth	0.409	0.360	0.340	0.342	0.351	0.360	7.83
21) S	2-Butanone-d5	0.195	0.201	0.225	0.234	0.233	0.217	8.50
22) T	2-Butanone	0.236	0.225	0.238	0.242	0.251	0.238	3.96
23) T	Bromochloromethane	0.224	0.195	0.171	0.175	0.177	0.188	11.57
24) S	Chloroform-d	0.731	0.681	0.637	0.705	0.697	0.690	5.03
25) T	Chloroform	0.811	0.714	0.670	0.644	0.644	0.697	10.06
26) S	1,2-Dichloroethane-	0.492	0.480	0.461	0.472	0.468	0.475	2.48
27) T	1,2-Dichloroethane	0.629	0.558	0.529	0.540	0.531	0.557	7.47
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.628	0.560	0.551	0.562	0.572	0.575	5.39
30) T	1,1,1-Trichloroetha	0.747	0.641	0.580	0.583	0.584	0.627	11.47
31) T	Carbon tetrachlorid	0.622	0.537	0.493	0.495	0.501	0.529	10.35
32) S	Benzene-d6	1.416	1.336	1.344	1.385	1.374	1.371	2.37
33) T	Benzene	1.648	1.421	1.342	1.356	1.355	1.424	9.02
34) T	Trichloroethene	0.432	0.370	0.343	0.342	0.350	0.367	10.29
35) T	Methylcyclohexane	0.639	0.558	0.541	0.553	0.572	0.573	6.75
36) S	1,2-Dichloropropane	0.457	0.421	0.418	0.437	0.436	0.434	3.63
37) T	1,2-Dichloropropane	0.431	0.391	0.366	0.367	0.366	0.384	7.40
38) T	Bromodichloromethan	0.598	0.508	0.479	0.493	0.497	0.515	9.21
39) T	cis-1,3-Dichloropro	0.630	0.526	0.555	0.574	0.613	0.580	7.25
40) T	4-Methyl-2-pentanone	0.494	0.478	0.476	0.481	0.482	0.482	1.48
41) S	Toluene-d8	1.287	1.205	1.271	1.328	1.306	1.279	3.66
42) T	Toluene	1.709	1.499	1.462	1.484	1.486	1.528	6.67
43) S	trans-1,3-Dichlorop	0.206	0.197	0.221	0.231	0.232	0.218	7.19
44) T	trans-1,3-Dichlorop	0.605	0.547	0.570	0.581	0.602	0.581	4.15
45) T	1,1,2-Trichloroetha	0.415	0.359	0.331	0.331	0.332	0.354	10.32
46) T	Tetrachloroethene	0.333	0.290	0.260	0.261	0.265	0.282	10.97
47) S	2-Hexanone-d5	0.114	0.119	0.151	0.161	0.162	0.141	16.42
48) T	2-Hexanone	0.368	0.344	0.367	0.373	0.378	0.366	3.51
49) T	Dibromochloromethan	0.407	0.346	0.362	0.375	0.383	0.375	6.06
50) T	1,2-Dibromoethane	0.429	0.362	0.345	0.348	0.348	0.366	9.82
51) T	Chlorobenzene	1.164	0.987	0.942	0.945	0.951	0.998	9.49
52) T	Ethylbenzene	1.930	1.647	1.655	1.702	1.709	1.729	6.71

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.699	0.622	0.625	0.634	0.640	0.644	4.92
54) T	o-xylene	0.684	0.594	0.610	0.621	0.631	0.628	5.45
55) T	Styrene	1.103	1.001	1.074	1.100	1.108	1.077	4.15
56) T	Isopropylbenzene	1.754	1.580	1.644	1.681	1.694	1.671	3.84
57) S	1,1,2,2-Tetrachloro	0.571	0.525	0.533	0.552	0.548	0.546	3.30
58) T	1,1,2,2-Tetrachloro	0.635	0.543	0.520	0.532	0.533	0.553	8.46
59)	1,2,3-Trichloroprop	0.530	0.458	0.428	0.438	0.430	0.457	9.34
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.513	0.418	0.467	0.483	0.504	0.477	7.87
62) T	1,3-Dichlorobenzene	1.797	1.554	1.461	1.464	1.488	1.553	9.12
63) T	1,4-Dichlorobenzene	1.879	1.571	1.490	1.494	1.506	1.588	10.46
64) S	1,2-Dichlorobenzene	1.076	0.972	0.948	0.974	0.974	0.989	5.06
65) T	1,2-Dichlorobenzene	1.832	1.603	1.446	1.475	1.482	1.568	10.19
66) T	1,2-Dibromo-3-chlor	0.275	0.233	0.226	0.238	0.239	0.242	7.82
67)	1,3,5-Trichlorobenz	1.198	1.033	1.016	1.027	1.087	1.072	7.04
68) T	1,2,4-trichlorobenz	1.001	0.899	0.933	0.954	1.028	0.963	5.36
69)	Naphthalene	2.508	2.537	2.873	2.963	3.109	2.798	9.48
70) T	1,2,3-Trichlorobenz	1.019	0.939	0.959	0.960	1.001	0.976	3.40

(#) = Out of Range