

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM102220WMA.M
 Title : VOC Analysis
 Last Update : Thu Oct 22 13:54:49 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV019064.D 10 =VV019065.D 50 =VV019066.D
 100 =VV019067.D 200 =VV019068.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.416	0.380	0.402	0.374	0.374	0.389	4.86
3) T	Chloromethane	0.511	0.484	0.492	0.469	0.467	0.484	3.70
4) S	Vinyl Chloride-d3	0.478	0.466	0.455	0.438	0.434	0.454	4.03
5) T	Vinyl chloride	0.504	0.476	0.479	0.462	0.466	0.477	3.44
6) T	Bromomethane	0.284	0.259	0.278	0.272	0.273	0.273	3.48
7) S	Chloroethane-d5	0.382	0.387	0.361	0.354	0.345	0.366	4.93
8) T	Chloroethane	0.315	0.302	0.301	0.289	0.289	0.299	3.63
9) T	Trichlorofluorometh	0.655	0.622	0.634	0.607	0.621	0.628	2.90
10) T	1,1,2-Trichloro-1,2	0.359	0.329	0.338	0.321	0.322	0.334	4.68
11) S	1,1-Dichloroethene-	0.872	0.866	0.852	0.829	0.835	0.851	2.21
12) T	1,1-Dichloroethene	0.352	0.325	0.336	0.325	0.332	0.334	3.29
13) T	Acetone	0.236	0.196	0.206	0.198	0.199	0.207	8.12
14) T	Carbon disulfide	1.158	1.082	1.101	1.069	1.096	1.101	3.10
15) T	Methyl Acetate	0.426	0.413	0.455	0.439	0.443	0.435	3.74
16) T	Methylene chloride	0.415	0.390	0.391	0.372	0.378	0.389	4.18
17) T	trans-1,2-Dichloroe	0.356	0.342	0.358	0.351	0.358	0.353	1.96
18) T	Methyl tert-butyl E	1.085	1.089	1.173	1.166	1.208	1.144	4.76
19) T	1,1-Dichloroethane	0.742	0.708	0.719	0.692	0.701	0.713	2.72
20) T	cis-1,2-Dichloroeth	0.381	0.357	0.379	0.379	0.391	0.377	3.32
21) S	2-Butanone-d5	0.281	0.293	0.313	0.318	0.321	0.305	5.67
22) T	2-Butanone	0.283	0.230	0.300	0.298	0.309	0.284	11.20
23) T	Bromochloromethane	0.187	0.193	0.196	0.190	0.195	0.192	1.98
24) S	Chloroform-d	0.812	0.819	0.796	0.773	0.772	0.794	2.74
25) T	Chloroform	0.734	0.689	0.706	0.683	0.697	0.702	2.86
26) S	1,2-Dichloroethane-	0.541	0.540	0.539	0.526	0.526	0.534	1.43
27) T	1,2-Dichloroethane	0.576	0.561	0.595	0.586	0.594	0.583	2.49

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.545	0.529	0.647	0.627	0.644	0.598	9.51
30) T	1,1,1-Trichloroetha	0.630	0.594	0.639	0.619	0.631	0.623	2.77
31) T	Carbon tetrachlorid	0.562	0.524	0.549	0.535	0.545	0.543	2.64
32) S	Benzene-d6	1.504	1.529	1.562	1.530	1.522	1.529	1.38
33) T	Benzene	1.522	1.464	1.585	1.530	1.552	1.531	2.91
34) T	Trichloroethene	0.396	0.375	0.391	0.382	0.390	0.387	2.16
35) T	Methylcyclohexane	0.498	0.470	0.564	0.548	0.566	0.529	8.15
36) S	1,2-Dichloropropane	0.486	0.505	0.501	0.491	0.495	0.495	1.51
37) T	1,2-Dichloropropane	0.438	0.405	0.425	0.416	0.423	0.421	2.90
38) T	Bromodichloromethan	0.546	0.503	0.539	0.530	0.548	0.533	3.45
39) T	cis-1,3-Dichloropro	0.556	0.573	0.646	0.648	0.691	0.623	9.11
40) T	4-Methyl-2-pentanone	0.484	0.506	0.613	0.611	0.629	0.569	11.93
41) S	Toluene-d8	1.275	1.340	1.420	1.402	1.401	1.368	4.39
42) T	Toluene	1.503	1.457	1.641	1.612	1.643	1.571	5.45
43) S	trans-1,3-Dichlorop	0.228	0.249	0.261	0.262	0.269	0.254	6.29
44) T	trans-1,3-Dichlorop	0.546	0.555	0.649	0.655	0.684	0.618	10.15
45) T	1,1,2-Trichloroetha	0.385	0.364	0.374	0.367	0.371	0.372	2.16
46) T	Tetrachloroethene	0.310	0.280	0.307	0.290	0.297	0.297	4.08
47) S	2-Hexanone-d5	0.174	0.186	0.233	0.238	0.247	0.215	15.25
48) T	2-Hexanone	0.355	0.400	0.476	0.474	0.489	0.439	13.32
49) T	Dibromochloromethan	0.387	0.381	0.419	0.417	0.430	0.407	5.34
50) T	1,2-Dibromoethane	0.379	0.372	0.393	0.392	0.395	0.386	2.61
51) T	Chlorobenzene	1.018	0.967	1.030	1.003	1.019	1.008	2.43
52) T	Ethylbenzene	1.565	1.549	1.786	1.772	1.823	1.699	7.73

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.553	0.571	0.663	0.653	0.669	0.622	8.86
54) T	o-xylene	0.514	0.550	0.639	0.637	0.655	0.599	10.50
55) T	Styrene	0.879	0.951	1.152	1.152	1.178	1.062	12.93
56) T	Isopropylbenzene	1.401	1.394	1.688	1.674	1.716	1.575	10.32
57) S	1,1,2,2-Tetrachloro	0.656	0.676	0.663	0.654	0.648	0.659	1.61
58) T	1,1,2,2-Tetrachloro	0.620	0.602	0.622	0.606	0.612	0.612	1.43
59) MA	1,2,3-Trichloroprop	0.488	0.479	0.505	0.494	0.497	0.493	1.98
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.550	0.512	0.581	0.574	0.599	0.563	5.89
62) T	1,3-Dichlorobenzene	1.485	1.453	1.551	1.503	1.511	1.500	2.39
63) T	1,4-Dichlorobenzene	1.595	1.537	1.595	1.553	1.561	1.568	1.64
64) S	1,2-Dichlorobenzene	1.082	1.060	1.050	1.029	1.022	1.049	2.29
65) T	1,2-Dichlorobenzene	1.549	1.464	1.537	1.503	1.512	1.513	2.17
66) T	1,2-Dibromo-3-chlor	0.255	0.245	0.277	0.273	0.286	0.267	6.24
67) MA	1,3,5-Trichlorobenz	1.032	0.962	1.039	1.033	1.056	1.025	3.54
68) T	1,2,4-trichlorobenz	0.905	0.880	0.994	1.014	1.037	0.966	7.17
69) MA	Naphthalene	2.371	2.388	3.281	3.362	3.482	2.977	18.47
70) T	1,2,3-Trichlorobenz	0.941	0.917	1.020	1.008	1.008	0.979	4.76

(#) = Out of Range