

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOMVLM072020WMA.M
 Title : VOC Analysis
 Last Update : Mon Jul 20 18:07:44 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV017537.D 10 =VV017538.D 50 =VV017539.D
 100 =VV017540.D 200 =VV017541.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.571	0.452	0.471	0.436	0.418	0.469	12.78
3) T	Chloromethane	0.472	0.381	0.343	0.342	0.325	0.373	15.83
4) S	Vinyl Chloride-d3	0.301	0.267	0.286	0.274	0.266	0.279	5.33
5) T	Vinyl chloride	0.483	0.393	0.395	0.369	0.363	0.401	12.05
6) T	Bromomethane	0.299	0.257	0.251	0.250	0.241	0.260	8.69
7) S	Chloroethane-d5	0.258	0.221	0.227	0.225	0.218	0.230	7.00
8) T	Chloroethane	0.289	0.222	0.219	0.213	0.198	0.228	15.36
9) T	Trichlorofluorometh	0.782	0.689	0.702	0.692	0.625	0.698	8.02
10) T	1,1,2-Trichloro-1,2	0.422	0.370	0.361	0.363	0.348	0.373	7.67
11) S	1,1-Dichloroethene-	0.698	0.654	0.649	0.713	0.677	0.678	4.09
12) T	1,1-Dichloroethene	0.366	0.328	0.319	0.332	0.322	0.334	5.65
13) T	Acetone	0.342	0.226	0.222	0.231	0.215	0.247	21.58
14) T	Carbon disulfide	1.069	0.852	0.822	1.001	0.784	0.905	13.56
15) T	Methyl Acetate	0.394	0.318	0.313	0.441	0.310	0.355	16.68
16) T	Methylene chloride	0.445	0.369	0.324	0.423	0.309	0.374	15.89
17) T	trans-1,2-Dichloroe	0.383	0.321	0.293	0.329	0.287	0.323	11.79
18) T	Methyl tert-butyl E	1.247	1.108	1.123	1.240	1.095	1.163	6.42
19) T	1,1-Dichloroethane	0.675	0.604	0.569	0.618	0.547	0.603	8.19
20) T	cis-1,2-Dichloroeth	0.408	0.350	0.340	0.342	0.331	0.354	8.75
21) S	2-Butanone-d5	0.211	0.185	0.197	0.214	0.205	0.203	5.76
22) T	2-Butanone	0.239	0.218	0.226	0.226	0.219	0.226	3.81
23) T	Bromochloromethane	0.221	0.199	0.192	0.194	0.185	0.198	6.93
24) S	Chloroform-d	0.668	0.626	0.618	0.660	0.623	0.639	3.64
25) T	Chloroform	0.772	0.661	0.661	0.658	0.628	0.676	8.18
26) S	1,2-Dichloroethane-	0.426	0.414	0.434	0.468	0.439	0.436	4.64
27) T	1,2-Dichloroethane	0.644	0.551	0.566	0.579	0.561	0.581	6.40

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.565	0.492	0.471	0.461	0.399	0.478	12.51
30) T	1,1,1-Trichloroetha	0.757	0.690	0.661	0.662	0.571	0.668	10.05
31) T	Carbon tetrachlorid	0.716	0.635	0.596	0.596	0.520	0.612	11.63
32) S	Benzene-d6	1.169	1.127	1.081	1.160	0.977	1.103	7.12
33) T	Benzene	1.459	1.393	1.258	1.261	1.088	1.292	11.07
34) T	Trichloroethene	0.399	0.381	0.344	0.350	0.306	0.356	10.03
35) T	Methylcyclohexane	0.616	0.538	0.522	0.506	0.444	0.525	11.80
36) S	1,2-Dichloropropane	0.362	0.341	0.310	0.331	0.283	0.325	9.29
37) T	1,2-Dichloropropane	0.402	0.341	0.311	0.316	0.270	0.328	14.80
38) T	Bromodichloromethan	0.596	0.534	0.523	0.531	0.463	0.530	8.91
39) T	cis-1,3-Dichloropro	0.569	0.551	0.573	0.570	0.509	0.554	4.85
40) T	4-Methyl-2-pentanone	0.495	0.463	0.454	0.461	0.403	0.455	7.23
41) S	Toluene-d8	1.062	1.028	1.045	1.131	0.959	1.045	5.91
42) T	Toluene	1.614	1.460	1.403	1.419	1.240	1.427	9.39
43) S	trans-1,3-Dichlorop	0.202	0.194	0.198	0.215	0.191	0.200	4.55
44) T	trans-1,3-Dichlorop	0.608	0.578	0.595	0.605	0.538	0.584	4.88
45) T	1,1,2-Trichloroetha	0.429	0.373	0.344	0.344	0.296	0.357	13.62
46) T	Tetrachloroethene	0.368	0.310	0.307	0.304	0.266	0.311	11.85
47) S	2-Hexanone-d5	0.143	0.142	0.158	0.171	0.150	0.153	7.78
48) T	2-Hexanone	0.374	0.343	0.373	0.368	0.360	0.364	3.51
49) T	Dibromochloromethan	0.481	0.440	0.454	0.454	0.423	0.451	4.76
50) T	1,2-Dibromoethane	0.448	0.385	0.426	0.377	0.355	0.398	9.48
51) T	Chlorobenzene	1.153	0.984	0.962	0.973	0.951	1.005	8.37
52) T	Ethylbenzene	1.787	1.587	1.632	1.650	1.757	1.682	5.08

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.707	0.571	0.619	0.637	0.593	0.625	8.37
54) T	o-xylene	0.659	0.556	0.620	0.678	0.541	0.611	9.99
55) T	Styrene	1.060	0.954	1.087	1.170	0.958	1.046	8.74
56) T	Isopropylbenzene	1.828	1.519	1.704	1.702	1.488	1.648	8.61
57) S	1,1,2,2-Tetrachloro	0.509	0.433	0.473	0.508	0.425	0.470	8.48
58) T	1,1,2,2-Tetrachloro	0.616	0.510	0.538	0.532	0.464	0.532	10.36
59)	1,2,3-Trichloroprop	0.546	0.443	0.448	0.452	0.393	0.457	12.14

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.710	0.627	0.632	0.651	0.559	0.636	8.52
62) T	1,3-Dichlorobenzene	1.904	1.567	1.515	1.513	1.318	1.564	13.63
63) T	1,4-Dichlorobenzene	1.977	1.573	1.537	1.525	1.531	1.629	12.01
64) S	1,2-Dichlorobenzene	1.015	0.869	0.859	0.922	0.853	0.904	7.55
65) T	1,2-Dichlorobenzene	1.928	1.627	1.538	1.525	1.457	1.615	11.46
66) T	1,2-Dibromo-3-chlor	0.323	0.325	0.288	0.302	0.256	0.299	9.52
67)	1,3,5-Trichlorobenz	1.501	1.222	1.220	1.269	1.041	1.251	13.20
68) T	1,2,4-trichlorobenz	1.348	1.057	1.108	1.128	0.979	1.124	12.26
69)	Naphthalene	3.541	2.819	3.227	3.337	2.890	3.163	9.62
70) T	1,2,3-Trichlorobenz	1.346	1.049	1.122	1.110	0.963	1.118	12.71

(#) = Out of Range