

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : SOMVLM012821WMA.M
 Title : VOC Analysis
 Last Update : Wed Jan 27 12:43:03 2021
 Response Via : Initial Calibration

Calibration Files

5 =VV020183.D 10 =VV020184.D 50 =VV020185.D 100 =VV020186.D 200 =VV020187.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.345	0.370	0.370	0.371	0.350	0.361	3.51
3) T	Chloromethane	0.398	0.411	0.398	0.397	0.383	0.397	2.51
4) S	Vinyl Chloride-d3	0.353	0.362	0.368	0.381	0.273	0.347	12.35
5) T	Vinyl chloride	0.342	0.371	0.375	0.380	0.366	0.367	4.09
6) T	Bromomethane	0.210	0.217	0.219	0.223	0.183	0.210	7.70
7) S	Chloroethane-d5	0.278	0.298	0.296	0.290	0.173	0.267	19.92
8) T	Chloroethane	0.212	0.236	0.232	0.225	0.181	0.217	10.39
9) T	Trichlorofluorom...	0.488	0.544	0.537	0.537	0.421	0.506	10.33
10) T	1,1,2-Trichloro-...	0.267	0.242	0.239	0.282	0.250	0.256	7.15
11) S	1,1-Dichloroethe...	0.570	0.489	0.469	0.581	0.420	0.506	13.49
12) T	1,1-Dichloroethene	0.261	0.225	0.228	0.271	0.250	0.247	8.13
13) T	Acetone	0.147	0.108	0.105	0.147	0.124	0.126	15.95
14) T	Carbon disulfide	0.757	0.824	0.815	0.861	0.751	0.802	5.81
15) T	Methyl Acetate	0.304	0.352	0.347	0.353	0.299	0.331	8.10
16) T	Methylene chloride	0.308	0.334	0.334	0.337	0.298	0.322	5.59
17) T	trans-1,2-Dichlo...	0.285	0.310	0.316	0.319	0.290	0.304	5.10
18) T	Methyl tert-buty...	0.886	0.969	1.000	1.033	0.923	0.962	6.12
19) T	1,1-Dichloroethane	0.540	0.575	0.585	0.593	0.527	0.564	5.14
20) T	cis-1,2-Dichloro...	0.307	0.327	0.349	0.353	0.352	0.338	5.96
21) S	2-Butanone-d5	0.195	0.226	0.239	0.250	0.186	0.219	12.64
22) T	2-Butanone	0.212	0.248	0.243	0.250	0.249	0.240	6.65
23) T	Bromochloromethane	0.164	0.180	0.184	0.188	0.186	0.180	5.38
24) S	Chloroform-d	0.610	0.654	0.670	0.689	0.505	0.626	11.71
25) T	Chloroform	0.567	0.599	0.619	0.624	0.608	0.603	3.71
26) S	1,2-Dichloroetha...	0.400	0.426	0.434	0.441	0.321	0.405	12.10
27) T	1,2-Dichloroethane	0.460	0.470	0.493	0.497	0.485	0.481	3.25

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.516	0.502	0.533	0.566	0.503	0.524	5.05
30) T	1,1,1-Trichloroe...	0.584	0.545	0.583	0.608	0.568	0.578	4.03
31) T	Carbon tetrachlo...	0.502	0.467	0.506	0.530	0.496	0.500	4.53
32) S	Benzene-d6	1.380	1.296	1.369	1.439	0.986	1.294	13.89
33) T	Benzene	1.399	1.330	1.375	1.419	1.309	1.367	3.37
34) T	Trichloroethene	0.384	0.346	0.366	0.380	0.355	0.366	4.41
35) T	Methylcyclohexane	0.520	0.509	0.550	0.592	0.508	0.536	6.67
36) S	1,2-Dichloroprop...	0.429	0.399	0.423	0.447	0.296	0.399	15.03
37) T	1,2-Dichloropropane	0.336	0.333	0.359	0.373	0.304	0.341	7.79
38) T	Bromodichloromet...	0.471	0.461	0.487	0.519	0.439	0.475	6.33
39) T	cis-1,3-Dichloro...	0.508	0.449	0.562	0.625	0.585	0.546	12.64
40) T	4-Methyl-2-penta...	0.466	0.446	0.509	0.540	0.499	0.492	7.46
41) S	Toluene-d8	1.281	1.188	1.284	1.350	0.922	1.205	13.96
42) T	Toluene	1.475	1.363	1.489	1.535	1.412	1.455	4.63
43) S	trans-1,3-Dichlo...	0.190	0.184	0.215	0.220	0.169	0.195	10.97
44) T	trans-1,3-Dichlo...	0.471	0.474	0.560	0.558	0.573	0.527	9.50
45) T	1,1,2-Trichloroe...	0.362	0.340	0.356	0.302	0.343	0.341	6.87
46) T	Tetrachloroethene	0.339	0.296	0.313	0.296	0.298	0.308	6.08
47) S	2-Hexanone-d5	0.166	0.169	0.194	0.202	0.150	0.176	12.22
48) T	2-Hexanone	0.315	0.350	0.395	0.369	0.383	0.362	8.59
49) T	Dibromochloromet...	0.352	0.356	0.397	0.428	0.379	0.382	8.23
50) T	1,2-Dibromoethane	0.348	0.358	0.380	0.403	0.351	0.368	6.28
51) T	Chlorobenzene	0.981	0.950	0.983	0.961	0.949	0.965	1.69
52) T	Ethylbenzene	1.384	1.539	1.618	1.667	1.589	1.559	6.94
53) T	m,p-Xylene	0.564	0.573	0.625	0.657	0.617	0.607	6.37
54) T	o-xylene	0.500	0.568	0.597	0.619	0.602	0.577	8.14
55) T	Styrene	0.859	0.965	1.068	1.120	1.072	1.017	10.30
56) T	Isopropylbenzene	1.582	1.290	1.688	1.616	1.599	1.555	9.87

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57)	S	1,1,2,2-Tetrachl...	0.617	0.499	0.530	0.623	0.439	0.541	14.56
58)	T	1,1,2,2-Tetrachl...	0.584	0.496	0.556	0.598	0.563	0.559	6.99
59)	MA	1,2,3-Trichlorop...	0.485	0.408	0.448	0.484	0.452	0.455	6.92
60)	I	1,4-Dichlorobenzen...	-----ISTD-----						
61)	T	Bromoform	0.449	0.436	0.612	0.556	0.633	0.537	16.94
62)	T	1,3-Dichlorobenzene	1.370	1.441	1.470	1.499	1.453	1.447	3.33
63)	T	1,4-Dichlorobenzene	1.454	1.539	1.512	1.520	1.473	1.500	2.33
64)	S	1,2-Dichlorobenz...	0.967	0.985	1.096	1.005	0.732	0.957	14.12
65)	T	1,2-Dichlorobenzene	1.391	1.472	1.686	1.513	1.471	1.507	7.27
66)	T	1,2-Dibromo-3-ch...	0.216	0.200	0.282	0.212	0.280	0.238	16.67
67)	MA	1,3,5-Trichlorob...	1.131	1.185	1.408	1.276	1.324	1.265	8.67
68)	T	1,2,4-trichlorob...	0.959	1.081	1.282	1.182	1.250	1.151	11.48
69)	MA	Naphthalene	2.548	2.903	3.794	3.509	3.678	3.286	16.34
70)	T	1,2,3-Trichlorob...	0.978	1.064	1.292	1.159	1.228	1.144	10.97

(#) = Out of Range