

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : SOMVLM030521WMA.M
 Title : VOC Analysis
 Last Update : Fri Mar 05 13:10:43 2021
 Response Via : Initial Calibration

Calibration Files

5 =VV020466.D 10 =VV020467.D 50 =VV020468.D 100 =VV020469.D 200 =VV020470.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.474	0.489	0.445	0.448	0.420	0.455	5.94
3) T	Chloromethane	0.421	0.415	0.389	0.387	0.366	0.396	5.77
4) S	Vinyl Chloride-d3	0.366	0.382	0.364	0.369	0.352	0.366	2.95
5) T	Vinyl chloride	0.440	0.427	0.410	0.416	0.396	0.418	4.05
6) T	Bromomethane	0.295	0.306	0.282	0.282	0.271	0.287	4.70
7) S	Chloroethane-d5	0.305	0.297	0.284	0.277	0.257	0.284	6.48
8) T	Chloroethane	0.260	0.251	0.231	0.223	0.206	0.234	9.24
9) T	Trichlorofluorom...	0.630	0.638	0.596	0.598	0.572	0.607	4.44
10) T	1,1,2-Trichloro-...	0.349	0.335	0.318	0.323	0.302	0.325	5.39
11) S	1,1-Dichloroethe...	0.628	0.632	0.619	0.616	0.593	0.618	2.44
12) T	1,1-Dichloroethene	0.337	0.335	0.319	0.316	0.308	0.323	3.87
13) T	Acetone	0.138	0.136	0.127	0.126	0.121	0.130	5.49
14) T	Carbon disulfide	0.919	0.909	0.889	0.906	0.885	0.902	1.58
15) T	Methyl Acetate	0.295	0.284	0.294	0.284	0.283	0.288	2.07
16) T	Methylene chloride	0.366	0.373	0.344	0.334	0.323	0.348	6.07
17) T	trans-1,2-Dichlo...	0.343	0.338	0.327	0.335	0.324	0.333	2.44
18) T	Methyl tert-buty...	0.860	0.887	0.926	0.949	0.936	0.912	4.04
19) T	1,1-Dichloroethane	0.581	0.580	0.559	0.553	0.531	0.561	3.67
20) T	cis-1,2-Dichloro...	0.336	0.344	0.358	0.365	0.359	0.352	3.32
21) S	2-Butanone-d5	0.156	0.182	0.194	0.199	0.198	0.186	9.61
22) T	2-Butanone	0.176	0.176	0.198	0.206	0.203	0.192	7.60
23) T	Bromochloromethane	0.212	0.196	0.201	0.201	0.198	0.201	3.12
24) S	Chloroform-d	0.628	0.639	0.645	0.640	0.617	0.634	1.76
25) T	Chloroform	0.649	0.647	0.629	0.617	0.592	0.627	3.74
26) S	1,2-Dichloroetha...	0.381	0.401	0.397	0.392	0.375	0.389	2.79
27) T	1,2-Dichloroethane	0.483	0.466	0.461	0.449	0.433	0.459	4.06

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.408	0.441	0.451	0.476	0.452	0.446	5.53
30) T	1,1,1-Trichloroe...	0.529	0.565	0.540	0.554	0.532	0.544	2.76
31) T	Carbon tetrachlo...	0.480	0.489	0.476	0.493	0.478	0.483	1.52
32) S	Benzene-d6	1.161	1.304	1.301	1.310	1.231	1.261	5.13
33) T	Benzene	1.286	1.351	1.334	1.333	1.253	1.311	3.13
34) T	Trichloroethene	0.414	0.424	0.379	0.379	0.357	0.391	7.10
35) T	Methylcyclohexane	0.470	0.495	0.507	0.542	0.514	0.506	5.20
36) S	1,2-Dichloroprop...	0.370	0.398	0.387	0.388	0.364	0.381	3.67
37) T	1,2-Dichloropropane	0.338	0.329	0.325	0.329	0.309	0.326	3.22
38) T	Bromodichloromet...	0.426	0.446	0.449	0.460	0.440	0.444	2.81
39) T	cis-1,3-Dichloro...	0.437	0.446	0.520	0.549	0.541	0.498	10.69
40) T	4-Methyl-2-penta...	0.316	0.369	0.397	0.407	0.393	0.376	9.64
41) S	Toluene-d8	1.081	1.212	1.280	1.296	1.230	1.220	6.95
42) T	Toluene	1.324	1.463	1.492	1.508	1.429	1.443	5.06
43) S	trans-1,3-Dichlo...	0.147	0.167	0.191	0.203	0.201	0.182	13.38
44) T	trans-1,3-Dichlo...	0.388	0.455	0.506	0.538	0.536	0.485	13.10
45) T	1,1,2-Trichloroe...	0.351	0.361	0.351	0.352	0.338	0.351	2.35
46) T	Tetrachloroethene	0.331	0.337	0.320	0.329	0.321	0.328	2.16
47) S	2-Hexanone-d5	0.084	0.103	0.151	0.171	0.173	0.136	30.02
48) T	2-Hexanone	0.242	0.290	0.312	0.319	0.310	0.295	10.58
49) T	Dibromochloromet...	0.328	0.374	0.393	0.416	0.412	0.385	9.29
50) T	1,2-Dibromoethane	0.359	0.379	0.380	0.392	0.383	0.379	3.22
51) T	Chlorobenzene	1.013	1.052	0.993	1.027	0.994	1.016	2.45
52) T	Ethylbenzene	1.453	1.564	1.618	1.670	1.625	1.586	5.25
53) T	m,p-Xylene	0.546	0.597	0.637	0.665	0.650	0.619	7.74
54) T	o-xylene	0.504	0.568	0.620	0.650	0.637	0.596	10.07
55) T	Styrene	0.819	0.972	1.086	1.146	1.109	1.026	12.92
56) T	Isopropylbenzene	1.349	1.504	1.629	1.712	1.683	1.575	9.51

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57)	S	1,1,2,2-Tetrachl...	0.429	0.474	0.526	0.550	0.546	0.505	10.37
58)	T	1,1,2,2-Tetrachl...	0.398	0.456	0.498	0.528	0.523	0.481	11.23
59)	MA	1,2,3-Trichlorop...	0.416	0.452	0.444	0.451	0.433	0.439	3.42
60)	I	1,4-Dichlorobenzen...	-----ISTD-----						
61)	T	Bromoform	0.423	0.478	0.511	0.544	0.560	0.503	10.90
62)	T	1,3-Dichlorobenzene	1.457	1.527	1.520	1.539	1.497	1.508	2.16
63)	T	1,4-Dichlorobenzene	1.627	1.619	1.559	1.558	1.517	1.576	2.93
64)	S	1,2-Dichlorobenz...	0.933	0.997	0.986	1.005	0.974	0.979	2.89
65)	T	1,2-Dichlorobenzene	1.509	1.549	1.526	1.552	1.495	1.526	1.62
66)	T	1,2-Dibromo-3-ch...	0.132	0.161	0.189	0.213	0.221	0.183	20.15
67)	MA	1,3,5-Trichlorob...	1.112	1.143	1.188	1.228	1.214	1.177	4.14
68)	T	1,2,4-trichlorob...	0.860	0.931	1.040	1.114	1.122	1.013	11.37
69)	MA	Naphthalene	1.736	2.196	3.037	3.321	3.270	2.712	26.12
70)	T	1,2,3-Trichlorob...	0.885	0.962	1.072	1.132	1.090	1.028	9.89

(#) = Out of Range