

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : SOMVLM012121WMA.M
 Title : VOC Analysis
 Last Update : Thu Jan 21 13:40:23 2021
 Response Via : Initial Calibration

Calibration Files

5 =VV020102.D 10 =VV020103.D 50 =VV020104.D 100 =VV020105.D 200 =VV020106.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.427	0.465	0.385	0.385	0.437	0.420	8.28
3) T	Chloromethane	0.412	0.460	0.390	0.388	0.447	0.419	7.78
4) S	Vinyl Chloride-d3	0.352	0.406	0.348	0.349	0.399	0.371	7.87
5) T	Vinyl chloride	0.443	0.458	0.400	0.403	0.462	0.433	6.83
6) T	Bromomethane	0.270	0.298	0.265	0.250	0.283	0.273	6.60
7) S	Chloroethane-d5	0.297	0.342	0.282	0.299	0.332	0.310	8.17
8) T	Chloroethane	0.277	0.305	0.244	0.266	0.295	0.278	8.61
9) T	Trichlorofluorom...	0.598	0.691	0.574	0.570	0.654	0.617	8.59
10) T	1,1,2-Trichloro-...	0.355	0.400	0.330	0.324	0.358	0.354	8.53
11) S	1,1-Dichloroethe...	0.716	0.827	0.675	0.698	0.789	0.741	8.70
12) T	1,1-Dichloroethene	0.332	0.380	0.312	0.317	0.356	0.340	8.30
13) T	Acetone	0.251	0.251	0.198	0.194	0.200	0.219	13.50
14) T	Carbon disulfide	0.885	1.002	0.995	1.012	1.053	0.990	6.35
15) T	Methyl Acetate	0.354	0.409	0.406	0.414	0.430	0.402	7.12
16) T	Methylene chloride	0.332	0.380	0.385	0.367	0.381	0.369	5.92
17) T	trans-1,2-Dichlo...	0.295	0.351	0.361	0.314	0.367	0.337	9.29
18) T	Methyl tert-buty...	0.968	1.111	1.130	1.038	1.216	1.093	8.59
19) T	1,1-Dichloroethane	0.600	0.660	0.666	0.599	0.696	0.644	6.66
20) T	cis-1,2-Dichloro...	0.311	0.369	0.391	0.339	0.399	0.362	10.23
21) S	2-Butanone-d5	0.206	0.256	0.266	0.254	0.289	0.254	12.05
22) T	2-Butanone	0.252	0.250	0.292	0.272	0.309	0.275	9.29
23) T	Bromochloromethane	0.173	0.194	0.205	0.173	0.203	0.190	8.28
24) S	Chloroform-d	0.615	0.732	0.720	0.654	0.753	0.695	8.33
25) T	Chloroform	0.632	0.700	0.697	0.624	0.727	0.676	6.74
26) S	1,2-Dichloroetha...	0.431	0.526	0.471	0.470	0.509	0.481	7.68
27) T	1,2-Dichloroethane	0.550	0.600	0.565	0.558	0.612	0.577	4.73

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.496	0.523	0.695	0.597	0.597	0.582	13.37
30) T	1,1,1-Trichloroe...	0.514	0.601	0.725	0.616	0.654	0.622	12.39
31) T	Carbon tetrachlo...	0.451	0.519	0.617	0.530	0.558	0.535	11.25
32) S	Benzene-d6	1.185	1.303	1.604	1.402	1.390	1.377	11.19
33) T	Benzene	1.383	1.403	1.742	1.490	1.494	1.502	9.52
34) T	Trichloroethene	0.393	0.418	0.473	0.404	0.436	0.425	7.45
35) T	Methylcyclohexane	0.507	0.567	0.705	0.601	0.655	0.607	12.66
36) S	1,2-Dichloroprop...	0.356	0.419	0.496	0.431	0.471	0.435	12.39
37) T	1,2-Dichloropropane	0.345	0.360	0.448	0.386	0.425	0.393	11.08
38) T	Bromodichloromet...	0.481	0.481	0.597	0.527	0.603	0.538	11.17
39) T	cis-1,3-Dichloro...	0.457	0.572	0.693	0.637	0.676	0.607	15.80
40) T	4-Methyl-2-penta...	0.483	0.582	0.662	0.590	0.624	0.589	11.35
41) S	Toluene-d8	1.100	1.305	1.437	1.289	1.274	1.281	9.38
42) T	Toluene	1.395	1.561	1.816	1.596	1.602	1.594	9.43
43) S	trans-1,3-Dichlo...	0.169	0.205	0.216	0.231	0.243	0.213	13.50
44) T	trans-1,3-Dichlo...	0.450	0.536	0.609	0.615	0.670	0.576	14.78
45) T	1,1,2-Trichloroe...	0.351	0.394	0.380	0.378	0.430	0.387	7.52
46) T	Tetrachloroethene	0.320	0.330	0.291	0.304	0.341	0.317	6.27
47) S	2-Hexanone-d5	0.120	0.155	0.182	0.208	0.238	0.181	25.33
48) T	2-Hexanone	0.389	0.437	0.463	0.470	0.519	0.456	10.46
49) T	Dibromochloromet...	0.354	0.403	0.418	0.423	0.492	0.418	11.85
50) T	1,2-Dibromoethane	0.380	0.445	0.410	0.412	0.467	0.423	7.98
51) T	Chlorobenzene	1.035	1.064	1.047	1.042	1.051	1.048	1.05
52) T	Ethylbenzene	1.559	1.713	1.819	1.816	1.868	1.755	7.03
53) T	m,p-Xylene	0.516	0.610	0.681	0.689	0.700	0.639	12.13
54) T	o-xylene	0.522	0.607	0.673	0.676	0.735	0.643	12.66
55) T	Styrene	0.833	1.042	1.197	1.200	1.350	1.125	17.42
56) T	Isopropylbenzene	1.412	1.702	1.794	1.808	1.864	1.716	10.47

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57)	S	1,1,2,2-Tetrachl...	0.487	0.610	0.609	0.625	0.644	0.595	10.45
58)	T	1,1,2,2-Tetrachl...	0.492	0.575	0.599	0.609	0.639	0.583	9.59
59)	MA	1,2,3-Trichlorop...	0.490	0.540	0.521	0.513	0.530	0.519	3.71
60)	I	1,4-Dichlorobenzen...	-----ISTD-----						
61)	T	Bromoform	0.392	0.428	0.484	0.637	0.601	0.508	21.06
62)	T	1,3-Dichlorobenzene	1.503	1.526	1.477	1.558	1.542	1.521	2.09
63)	T	1,4-Dichlorobenzene	1.650	1.628	1.489	1.591	1.567	1.585	3.95
64)	S	1,2-Dichlorobenz...	1.054	0.781	0.907	0.985	0.970	0.940	10.93
65)	T	1,2-Dichlorobenzene	1.775	1.273	1.514	1.577	1.567	1.541	11.66
66)	T	1,2-Dibromo-3-ch...	0.225	0.181	0.252	0.300	0.319	0.255	21.80
67)	MA	1,3,5-Trichlorob...	1.082	0.953	1.312	1.187	1.359	1.179	14.12
68)	T	1,2,4-trichlorob...	1.076	0.782	0.989	1.100	1.256	1.041	16.68
69)	MA	Naphthalene	2.524	2.141	2.968	3.547	3.919	3.020	24.04
70)	T	1,2,3-Trichlorob...	0.910	0.961	0.968	1.073	1.204	1.023	11.47

(#) = Out of Range