

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : SFAMULM112122WMA.M
 Title : VOC Analysis
 Last Update : Tue Nov 22 07:34:37 2022
 Response Via : Initial Calibration

Calibration Files

5 =VU051995.D 10 =VU051996.D 50 =VU052030.D 100 =VU051998.D 200 =VU051999.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.286	0.274	0.275	0.252	0.256	0.268	5.21
3) T	Chloromethane	0.413	0.413	0.394	0.353	0.350	0.385	8.13
4) S	Vinyl Chloride-d3	0.428	0.447	0.455	0.423	0.413	0.433	4.03
5) T	Vinyl chloride	0.411	0.396	0.419	0.370	0.379	0.395	5.20
6) T	Bromomethane	0.197	0.211	0.220	0.199	0.164	0.198	10.68
7) S	Chloroethane-d5	0.327	0.351	0.367	0.348	0.323	0.343	5.24
8) T	Chloroethane	0.271	0.271	0.269	0.245	0.240	0.259	5.99
9) T	Trichlorofluorom...	0.493	0.482	0.496	0.445	0.445	0.472	5.39
10) T	1,1,2-Trichloro-...	0.321	0.302	0.316	0.292	0.284	0.303	5.11
11) S	1,1-Dichloroethe...	0.641	0.647	0.671	0.631	0.621	0.642	2.97
12) T	1,1-Dichloroethene	0.290	0.295	0.304	0.276	0.283	0.290	3.70
13) T	Acetone	0.255	0.233	0.220	0.252	0.229	0.238	6.42
14) T	Carbon disulfide	0.738	0.731	0.760	0.705	0.727	0.732	2.73
15) T	Methyl Acetate	0.376	0.379	0.387	0.380	0.377	0.380	1.07
16) T	Methylene chloride	0.512	0.483	0.423	0.398	0.389	0.441	12.27
17) T	trans-1,2-Dichlo...	0.305	0.303	0.323	0.303	0.306	0.308	2.71
18) T	Methyl tert-buty...	0.904	0.930	1.041	1.041	1.086	1.001	7.90
19) T	1,1-Dichloroethane	0.623	0.636	0.660	0.621	0.627	0.634	2.49
20) T	cis-1,2-Dichloro...	0.337	0.353	0.390	0.381	0.388	0.370	6.38
21) S	2-Butanone-d5	0.219	0.237	0.272	0.284	0.290	0.260	11.82
22) T	2-Butanone	0.267	0.269	0.303	0.323	0.321	0.297	9.20
23) T	Bromochloromethane	0.191	0.198	0.206	0.196	0.204	0.199	3.03
24) S	Chloroform-d	0.675	0.714	0.738	0.724	0.698	0.710	3.41
25) T	Chloroform	0.642	0.646	0.687	0.645	0.649	0.654	2.85
26) S	1,2-Dichloroetha...	0.435	0.423	0.430	0.433	0.415	0.427	1.94
27) T	1,2-Dichloroethane	0.483	0.499	0.505	0.480	0.486	0.491	2.19

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.388	0.392	0.479	0.457	0.476	0.438	10.19
30) T	1,1,1-Trichloroe...	0.514	0.532	0.542	0.483	0.493	0.513	4.86
31) T	Carbon tetrachlo...	0.418	0.421	0.442	0.392	0.402	0.415	4.58
32) S	Benzene-d6	1.377	1.447	1.594	1.545	1.489	1.490	5.66
33) T	Benzene	1.422	1.457	1.583	1.472	1.472	1.481	4.07
34) T	Trichloroethene	0.340	0.347	0.358	0.338	0.345	0.346	2.22
35) T	Methylcyclohexane	0.425	0.414	0.515	0.499	0.515	0.474	10.56
36) S	1,2-Dichloroprop...	0.455	0.471	0.499	0.488	0.481	0.479	3.55
37) T	1,2-Dichloropropane	0.402	0.421	0.428	0.405	0.413	0.414	2.67
38) T	Bromodichloromet...	0.500	0.502	0.532	0.502	0.519	0.511	2.78
39) T	cis-1,3-Dichloro...	0.471	0.512	0.587	0.592	0.636	0.560	11.85
40) T	4-Methyl-2-penta...	0.425	0.459	0.569	0.571	0.607	0.526	15.10
41) S	Toluene-d8	1.170	1.239	1.444	1.429	1.376	1.332	9.11
42) T	Toluene	1.349	1.431	1.696	1.585	1.593	1.531	9.06
43) S	trans-1,3-Dichlo...	0.180	0.188	0.210	0.217	0.224	0.204	9.29
44) T	trans-1,3-Dichlo...	0.456	0.462	0.548	0.554	0.596	0.523	11.73
45) T	1,1,2-Trichloroe...	0.392	0.405	0.422	0.405	0.415	0.408	2.77
46) T	Tetrachloroethene	0.264	0.261	0.268	0.255	0.256	0.261	2.07
47) S	2-Hexanone-d5	0.126	0.147	0.203	0.224	0.235	0.187	25.71
48) T	2-Hexanone	0.359	0.371	0.467	0.487	0.494	0.436	14.91
49) T	Dibromochloromet...	0.379	0.399	0.431	0.417	0.446	0.415	6.31
50) T	1,2-Dibromoethane	0.374	0.401	0.430	0.412	0.433	0.410	5.86
51) T	Chlorobenzene	0.928	0.979	1.054	1.020	1.055	1.007	5.35
52) T	Ethylbenzene	1.292	1.370	1.692	1.682	1.756	1.558	13.55
53) T	m,p-Xylene	0.486	0.511	0.666	0.663	0.684	0.602	15.86
54) T	o-Xylene	0.468	0.513	0.685	0.671	0.709	0.609	18.15
55) T	Styrene	0.731	0.823	1.169	1.187	1.251	1.032	22.96
56) S	1,1,2,2-Tetrachl...	0.709	0.719	0.780	0.790	0.789	0.757	5.28

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57)	T	1,1,2,2-Tetrachl...	0.681	0.689	0.789	0.763	0.790	0.742	7.21
58)	I	1,4-Dichlorobenzen...	-----ISTD-----						
59)	T	Bromoform	0.667	0.680	0.649	0.601	0.641	0.648	4.69
60)	T	1,2,3-Trichlorop...	1.226	1.281	1.172	1.061	1.065	1.161	8.40
61)	T	Isopropylbenzene	2.674	2.910	3.373	3.090	3.208	3.051	8.85
62)	T	1,3,5-Trimethylb...	1.883	2.112	2.726	2.648	2.820	2.438	17.01
63)	T	1,2,4-Trimethylb...	1.758	1.985	2.690	2.643	2.801	2.375	19.81
64)	T	1,3-Dichlorobenzene	1.380	1.434	1.549	1.496	1.537	1.479	4.83
65)	T	1,4-Dichlorobenzene	1.486	1.475	1.540	1.491	1.543	1.507	2.13
66)	S	1,2-Dichlorobenz...	1.094	1.037	1.021	1.013	1.005	1.034	3.44
67)	T	1,2-Dichlorobenzene	1.459	1.534	1.620	1.547	1.588	1.550	3.93
68)	T	1,2-Dibromo-3-ch...	0.291	0.288	0.289	0.272	0.290	0.286	2.86
69)		1,3,5-Trichlorob...	0.900	0.919	0.994	1.038	1.086	0.987	7.95
70)	T	1,2,4-trichlorob...	0.643	0.685	0.804	0.880	0.953	0.793	16.36
71)		Naphthalene	1.773	1.947	2.798	3.072	3.320	2.582	26.61
72)	T	1,2,3-Trichlorob...	0.708	0.741	0.909	0.944	0.995	0.859	14.81

(#) = Out of Range