

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : SFAMULM031725WMA.M
 Title : VOC Analysis
 Last Update : Fri Mar 21 09:28:56 2025
 Response Via : Initial Calibration

Calibration Files

5 =VU063288.D 10 =VU063289.D 50 =VU063294.D 100 =VU063291.D 200 =VU063292.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.456	0.429	0.426	0.367	0.415	0.419	7.73
3) T	Chloromethane	0.518	0.503	0.467	0.403	0.458	0.470	9.50
4) S	Vinyl Chloride-d3	0.443	0.430	0.405	0.405	0.405	0.418	4.30
5) T	Vinyl chloride	0.522	0.492	0.478	0.420	0.482	0.479	7.75
6) T	Bromomethane	0.287	0.278	0.261	0.237	0.281	0.269	7.59
7) S	Chloroethane-d5	0.356	0.377	0.328	0.332	0.323	0.343	6.55
8) T	Chloroethane	0.331	0.309	0.290	0.252	0.281	0.292	10.19
9) T	Trichlorofluorom...	0.608	0.556	0.560	0.484	0.556	0.553	7.99
10) T	1,1,2-Trichloro...	0.361	0.346	0.344	0.298	0.341	0.338	7.04
11) S	1,1-Dichloroethe...	0.770	0.758	0.710	0.695	0.727	0.732	4.31
12) T	1,1-Dichloroethene	0.334	0.324	0.332	0.292	0.337	0.324	5.73
13) T	Acetone	0.233	0.213	0.191	0.179	0.208	0.205	10.14
14) T	Carbon disulfide	1.090	1.063	1.039	0.912	1.054	1.032	6.74
15) T	Methyl Acetate	0.491	0.454	0.436	0.392	0.471	0.449	8.39
16) T	Methylene chloride	0.428	0.416	0.395	0.347	0.401	0.397	7.77
17) T	trans-1,2-Dichlo...	0.346	0.353	0.346	0.309	0.359	0.343	5.72
18) T	Methyl tert-buty...	1.098	1.079	1.088	1.002	1.208	1.095	6.72
19) T	1,1-Dichloroethane	0.745	0.735	0.695	0.619	0.716	0.702	7.16
20) T	cis-1,2-Dichloro...	0.408	0.386	0.394	0.356	0.422	0.393	6.35
21) S	2-Butanone-d5	0.291	0.301	0.283	0.311	0.321	0.302	5.03
22) T	2-Butanone	0.276	0.301	0.283	0.286	0.341	0.297	8.83
23) T	Bromochloromethane	0.208	0.207	0.204	0.180	0.210	0.202	6.06
24) S	Chloroform-d	0.817	0.813	0.757	0.755	0.761	0.781	4.06
25) T	Chloroform	0.752	0.730	0.709	0.619	0.723	0.707	7.30
26) S	1,2-Dichloroetha...	0.514	0.512	0.465	0.471	0.471	0.487	4.95
27) T	1,2-Dichloroethane	0.575	0.554	0.563	0.503	0.579	0.555	5.48

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.556	0.544	0.604	0.556	0.644	0.581	7.23
30) T	1,1,1-Trichloroe...	0.627	0.594	0.578	0.526	0.592	0.583	6.35
31) T	Carbon tetrachlo...	0.491	0.491	0.499	0.449	0.500	0.486	4.35
32) S	Benzene-d6	1.596	1.581	1.545	1.582	1.539	1.569	1.57
33) T	Benzene	1.627	1.588	1.587	1.454	1.627	1.577	4.53
34) T	Trichloroethene	0.429	0.401	0.403	0.364	0.412	0.402	5.90
35) T	Methylcyclohexane	0.552	0.507	0.608	0.549	0.652	0.574	9.90
36) S	1,2-Dichloroprop...	0.539	0.516	0.491	0.506	0.499	0.510	3.59
37) T	1,2-Dichloropropane	0.466	0.446	0.449	0.400	0.449	0.442	5.63
38) T	Bromodichloromet...	0.580	0.550	0.543	0.486	0.557	0.543	6.44
39) T	cis-1,3-Dichloro...	0.618	0.624	0.649	0.618	0.727	0.647	7.18
40) T	4-Methyl-2-penta...	0.545	0.540	0.561	0.559	0.669	0.575	9.29
41) S	Toluene-d8	1.348	1.333	1.404	1.458	1.429	1.395	3.80
42) T	Toluene	1.546	1.572	1.710	1.561	1.765	1.631	6.12
43) S	trans-1,3-Dichlo...	0.221	0.206	0.224	0.237	0.242	0.226	6.33
44) T	trans-1,3-Dichlo...	0.566	0.567	0.607	0.577	0.674	0.598	7.57
45) T	1,1,2-Trichloroe...	0.447	0.432	0.412	0.378	0.429	0.420	6.35
46) T	Tetrachloroethene	0.274	0.283	0.299	0.264	0.297	0.284	5.20
47) S	2-Hexanone-d5	0.156	0.166	0.180	0.224	0.243	0.194	19.61
48) T	2-Hexanone	0.380	0.394	0.436	0.448	0.533	0.438	13.68
49) T	Dibromochloromet...	0.403	0.418	0.405	0.374	0.434	0.407	5.50
50) T	1,2-Dibromoethane	0.441	0.446	0.433	0.401	0.469	0.438	5.65
51) T	Chlorobenzene	1.056	1.043	1.025	0.933	1.077	1.027	5.42
52) T	Ethylbenzene	1.542	1.593	1.779	1.667	1.954	1.707	9.63
53) T	m,p-Xylene	0.560	0.568	0.666	0.627	0.732	0.631	11.30
54) T	o-Xylene	0.540	0.566	0.647	0.600	0.720	0.615	11.65
55) T	Styrene	0.783	0.869	1.109	1.057	1.256	1.015	18.68
56) S	1,1,2,2-Tetrachl...	0.789	0.769	0.713	0.774	0.787	0.766	4.04

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57)	T	1,1,2,2-Tetrachl...	0.751	0.728	0.707	0.675	0.786	0.729	5.82
58)	I	1,4-Dichlorobenzen...	-----ISTD-----						
59)	T	Bromoform	0.682	0.718	0.636	0.586	0.675	0.659	7.62
60)	T	1,2,3-Trichlorop...	1.358	1.259	1.081	0.992	1.112	1.160	12.62
61)	T	Isopropylbenzene	3.169	3.199	3.433	3.050	3.546	3.279	6.21
62)	T	1,3,5-Trimethylb...	2.305	2.395	2.740	2.511	2.987	2.588	10.69
63)	T	1,2,4-Trimethylb...	2.142	2.167	2.645	2.478	2.976	2.482	14.03
64)	T	1,3-Dichlorobenzene	1.587	1.584	1.554	1.407	1.607	1.548	5.24
65)	T	1,4-Dichlorobenzene	1.651	1.606	1.570	1.406	1.628	1.572	6.20
66)	S	1,2-Dichlorobenz...	1.089	1.021	0.958	1.000	0.988	1.011	4.86
67)	T	1,2-Dichlorobenzene	1.625	1.626	1.534	1.410	1.607	1.560	5.89
68)	T	1,2-Dibromo-3-ch...	0.286	0.322	0.291	0.278	0.336	0.303	8.30
69)		1,3,5-Trichlorob...	1.047	1.024	1.062	0.947	1.128	1.042	6.30
70)	T	1,2,4-trichlorob...	0.686	0.762	0.832	0.773	0.973	0.805	13.32
71)		Naphthalene	1.710	1.745	2.126	2.427	3.071	2.216	25.34
72)	T	1,2,3-Trichlorob...	0.661	0.711	0.811	0.787	0.964	0.787	14.70

(#) = Out of Range