

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : SFAMULM061125WMA.M
 Title : VOC Analysis
 Last Update : Wed Jun 11 13:45:27 2025
 Response Via : Initial Calibration

Calibration Files

5 =VU063378.D 10 =VU063379.D 50 =VU063380.D 100 =VU063381.D 200 =VU063382.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.514	0.502	0.461	0.481	0.445	0.480	5.95
3) T	Chloromethane	0.601	0.567	0.516	0.533	0.497	0.543	7.59
4) S	Vinyl Chloride-d3	0.405	0.364	0.376	0.383	0.359	0.377	4.75
5) T	Vinyl chloride	0.656	0.611	0.582	0.591	0.545	0.597	6.84
6) T	Bromomethane	0.360	0.331	0.329	0.347	0.313	0.336	5.44
7) S	Chloroethane-d5	0.397	0.368	0.364	0.361	0.346	0.367	5.11
8) T	Chloroethane	0.409	0.399	0.357	0.361	0.341	0.373	7.88
9) T	Trichlorofluorom...	0.762	0.735	0.678	0.690	0.648	0.703	6.50
10) T	1,1,2-Trichloro-...	0.489	0.442	0.388	0.400	0.374	0.419	11.21
11) S	1,1-Dichloroethe...	0.773	0.707	0.704	0.718	0.683	0.717	4.68
12) T	1,1-Dichloroethene	0.397	0.380	0.361	0.373	0.352	0.373	4.59
13) T	Acetone	0.250	0.236	0.275	0.251	0.228	0.248	7.21
14) T	Carbon disulfide	1.357	1.285	1.183	1.200	1.129	1.231	7.33
15) T	Methyl Acetate	0.491	0.524	0.509	0.534	0.516	0.515	3.18
16) T	Methylene chloride	0.545	0.515	0.458	0.467	0.432	0.483	9.45
17) T	trans-1,2-Dichlo...	0.430	0.394	0.393	0.401	0.385	0.401	4.32
18) T	Methyl tert-buty...	1.180	1.130	1.179	1.274	1.245	1.202	4.79
19) T	1,1-Dichloroethane	0.903	0.853	0.823	0.830	0.783	0.839	5.25
20) T	cis-1,2-Dichloro...	0.440	0.456	0.451	0.472	0.458	0.455	2.62
21) S	2-Butanone-d5	0.276	0.302	0.332	0.367	0.360	0.328	11.74
22) T	2-Butanone	0.345	0.343	0.364	0.399	0.385	0.367	6.66
23) T	Bromochloromethane	0.258	0.256	0.236	0.240	0.228	0.243	5.39
24) S	Chloroform-d	0.842	0.783	0.802	0.817	0.767	0.802	3.64
25) T	Chloroform	0.933	0.867	0.797	0.818	0.768	0.836	7.78
26) S	1,2-Dichloroetha...	0.516	0.475	0.500	0.499	0.467	0.491	4.04
27) T	1,2-Dichloroethane	0.717	0.665	0.645	0.651	0.603	0.656	6.24

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.598	0.590	0.673	0.737	0.721	0.664	10.24
30) T	1,1,1-Trichloroe...	0.688	0.639	0.608	0.628	0.594	0.631	5.76
31) T	Carbon tetrachlo...	0.588	0.524	0.523	0.523	0.497	0.531	6.37
32) S	Benzene-d6	1.479	1.371	1.582	1.604	1.525	1.512	6.14
33) T	Benzene	1.722	1.669	1.767	1.823	1.708	1.738	3.41
34) T	Trichloroethene	0.472	0.444	0.441	0.450	0.426	0.447	3.73
35) T	Methylcyclohexane	0.599	0.592	0.653	0.734	0.726	0.661	10.19
36) S	1,2-Dichloroprop...	0.510	0.479	0.526	0.536	0.514	0.513	4.20
37) T	1,2-Dichloropropane	0.556	0.522	0.500	0.518	0.482	0.515	5.40
38) T	Bromodichloromet...	0.659	0.619	0.589	0.600	0.572	0.608	5.48
39) T	cis-1,3-Dichloro...	0.602	0.664	0.704	0.771	0.752	0.699	9.81
40) T	4-Methyl-2-penta...	0.547	0.575	0.652	0.716	0.706	0.639	11.92
41) S	Toluene-d8	1.171	1.177	1.407	1.470	1.410	1.327	10.72
42) T	Toluene	1.704	1.669	1.874	1.965	1.865	1.815	6.87
43) S	trans-1,3-Dichlo...	0.186	0.174	0.216	0.231	0.225	0.206	12.05
44) T	trans-1,3-Dichlo...	0.595	0.602	0.662	0.715	0.696	0.654	8.28
45) T	1,1,2-Trichloroe...	0.486	0.479	0.462	0.478	0.454	0.472	2.79
46) T	Tetrachloroethene	0.336	0.333	0.324	0.335	0.324	0.330	1.78
47) S	2-Hexanone-d5	0.122	0.143	0.199	0.236	0.252	0.190	29.97
48) T	2-Hexanone	0.399	0.427	0.527	0.574	0.566	0.499	16.21
49) T	Dibromochloromet...	0.461	0.429	0.443	0.462	0.444	0.448	3.12
50) T	1,2-Dibromoethane	0.477	0.480	0.472	0.499	0.482	0.482	2.13
51) T	Chlorobenzene	1.207	1.162	1.149	1.204	1.164	1.177	2.25
52) T	Ethylbenzene	1.721	1.703	1.916	2.085	2.079	1.901	9.75
53) T	m,p-Xylene	0.581	0.602	0.736	0.807	0.791	0.703	14.99
54) T	o-Xylene	0.529	0.590	0.700	0.766	0.768	0.670	16.02
55) T	Styrene	0.821	0.932	1.252	1.386	1.365	1.151	22.47
56) S	1,1,2,2-Tetrachl...	0.786	0.718	0.778	0.820	0.815	0.783	5.22

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57) T	1,1,2,2-Tetrachl...	0.857	0.830	0.825	0.861	0.842	0.843	1.86
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.760	0.681	0.622	0.634	0.619	0.663	8.98
60) T	1,2,3-Trichlorop...	1.326	1.275	1.168	1.150	1.093	1.202	7.94
61) T	Isopropylbenzene	2.971	3.109	3.379	3.585	3.467	3.302	7.72
62) T	1,3,5-Trimethylb...	2.150	2.200	2.605	2.900	2.905	2.552	14.32
63) T	1,2,4-Trimethylb...	1.833	1.977	2.532	2.874	2.905	2.424	20.57
64) T	1,3-Dichlorobenzene	1.643	1.631	1.623	1.668	1.629	1.639	1.07
65) T	1,4-Dichlorobenzene	1.719	1.684	1.668	1.699	1.654	1.685	1.52
66) S	1,2-Dichlorobenz...	0.904	0.871	0.916	0.950	0.933	0.915	3.30
67) T	1,2-Dichlorobenzene	1.731	1.642	1.608	1.664	1.630	1.655	2.85
68) T	1,2-Dibromo-3-ch...	0.356	0.333	0.293	0.313	0.322	0.323	7.28
69)	1,3,5-Trichlorob...	1.023	1.105	1.087	1.165	1.169	1.110	5.42
70) T	1,2,4-trichlorob...	0.639	0.757	0.870	1.007	1.035	0.862	19.37
71)	Naphthalene	1.309	1.624	2.344	3.048	3.293	2.324	37.18
72) T	1,2,3-Trichlorob...	0.559	0.767	0.898	1.011	1.031	0.853	22.88

(#) = Out of Range