

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : SFAMVLM012621WMA.M
 Title : VOC Analysis
 Last Update : Mon Jan 25 18:17:01 2021
 Response Via : Initial Calibration

Calibration Files

5 =VV020158.D 10 =VV020159.D 50 =VV020160.D 100 =VV020161.D 200 =VV020162.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.311	0.328	0.372	0.353	0.373	0.347	7.91
3) T	Chloromethane	0.431	0.443	0.480	0.474	0.478	0.461	4.90
4) S	Vinyl Chloride-d3	0.337	0.373	0.442	0.407	0.426	0.397	10.66
5) T	Vinyl chloride	0.334	0.377	0.414	0.391	0.418	0.387	8.79
6) T	Bromomethane	0.161	0.166	0.188	0.157	0.187	0.172	8.48
7) S	Chloroethane-d5	0.272	0.297	0.358	0.257	0.329	0.303	13.62
8) T	Chloroethane	0.224	0.238	0.274	0.195	0.261	0.239	13.14
9) T	Trichlorofluorom...	0.499	0.526	0.587	0.524	0.589	0.545	7.47
10) T	1,1,2-Trichloro-...	0.280	0.300	0.342	0.303	0.309	0.307	7.35
11) S	1,1-Dichloroethe...	0.638	0.673	0.816	0.693	0.723	0.709	9.51
12) T	1,1-Dichloroethene	0.272	0.289	0.328	0.291	0.308	0.297	7.14
13) T	Acetone	0.184	0.165	0.195	0.170	0.182	0.179	6.49
14) T	Carbon disulfide	0.643	0.688	0.821	0.885	0.886	0.785	14.38
15) T	Methyl Acetate	0.303	0.304	0.385	0.354	0.387	0.347	11.97
16) T	Methylene chloride	0.286	0.294	0.339	0.321	0.348	0.318	8.52
17) T	trans-1,2-Dichlo...	0.246	0.249	0.309	0.304	0.326	0.287	12.88
18) T	Methyl tert-buty...	0.801	0.871	1.053	1.044	1.117	0.977	13.75
19) T	1,1-Dichloroethane	0.490	0.534	0.619	0.647	0.632	0.584	11.72
20) T	cis-1,2-Dichloro...	0.264	0.281	0.343	0.373	0.362	0.325	15.08
21) S	2-Butanone-d5	0.180	0.206	0.280	0.278	0.274	0.244	19.28
22) T	2-Butanone	0.160	0.220	0.275	0.270	0.280	0.241	21.19
23) T	Bromochloromethane	0.131	0.148	0.179	0.174	0.184	0.163	13.89
24) S	Chloroform-d	0.551	0.605	0.736	0.751	0.726	0.674	13.32
25) T	Chloroform	0.515	0.546	0.648	0.652	0.664	0.605	11.47
26) S	1,2-Dichloroetha...	0.386	0.424	0.506	0.471	0.489	0.455	10.81
27) T	1,2-Dichloroethane	0.446	0.466	0.558	0.544	0.562	0.515	10.64

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.416	0.416	0.470	0.542	0.468	0.462	11.19
30) T	1,1,1-Trichloroe...	0.501	0.503	0.549	0.654	0.536	0.549	11.40
31) T	Carbon tetrachlo...	0.430	0.428	0.458	0.543	0.453	0.462	10.14
32) S	Benzene-d6	1.213	1.179	1.305	1.493	1.224	1.283	9.84
33) T	Benzene	1.364	1.240	1.278	1.531	1.221	1.327	9.54
34) T	Trichloroethene	0.376	0.353	0.331	0.381	0.322	0.353	7.45
35) T	Methylcyclohexane	0.498	0.501	0.479	0.535	0.501	0.503	4.01
36) S	1,2-Dichloroprop...	0.414	0.433	0.407	0.434	0.406	0.419	3.25
37) T	1,2-Dichloropropane	0.318	0.366	0.340	0.361	0.327	0.342	6.15
38) T	Bromodichloromet...	0.460	0.474	0.478	0.516	0.468	0.479	4.48
39) T	cis-1,3-Dichloro...	0.464	0.514	0.541	0.606	0.583	0.542	10.35
40) T	4-Methyl-2-penta...	0.482	0.513	0.539	0.568	0.506	0.522	6.27
41) S	Toluene-d8	1.159	1.235	1.211	1.295	1.125	1.205	5.50
42) T	Toluene	1.376	1.404	1.355	1.484	1.311	1.386	4.64
43) S	trans-1,3-Dichlo...	0.180	0.169	0.212	0.238	0.214	0.202	13.79
44) T	trans-1,3-Dichlo...	0.434	0.454	0.552	0.608	0.549	0.519	14.14
45) T	1,1,2-Trichloroe...	0.307	0.311	0.331	0.378	0.317	0.329	8.83
46) T	Tetrachloroethene	0.270	0.238	0.254	0.267	0.238	0.253	5.89
47) S	2-Hexanone-d5	0.138	0.155	0.210	0.212	0.194	0.182	18.30
48) T	2-Hexanone	0.301	0.335	0.446	0.446	0.401	0.386	16.98
49) T	Dibromochloromet...	0.321	0.347	0.371	0.445	0.386	0.374	12.53
50) T	1,2-Dibromoethane	0.336	0.366	0.374	0.431	0.377	0.377	9.11
51) T	Chlorobenzene	0.918	0.915	0.915	0.964	0.953	0.933	2.53
52) T	Ethylbenzene	1.461	1.431	1.562	1.703	1.641	1.560	7.42
53) T	m,p-Xylene	0.542	0.533	0.584	0.672	0.618	0.590	9.66
54) T	o-Xylene	0.531	0.534	0.617	0.645	0.616	0.589	8.91
55) T	Styrene	0.887	0.900	1.118	1.133	1.096	1.027	11.93
56) S	1,1,2,2-Tetrachl...	0.601	0.549	0.657	0.635	0.602	0.609	6.73

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57) T	1,1,2,2-Tetrachl...	0.575	0.530	0.571	0.603	0.587	0.573	4.76
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.542	0.452	0.587	0.572	0.550	0.541	9.77
60)	Isopropylbenzene	3.466	2.746	3.480	3.024	3.058	3.155	9.97
61)	1,2,3-Trichlorop...	1.109	0.840	0.946	0.889	0.889	0.934	11.20
62)	1,3,5-Trimethylb...	2.686	2.243	2.925	2.628	2.662	2.629	9.34
63)	1,2,4-Trimethylb...	2.291	2.339	2.679	2.883	2.724	2.583	9.94
64) T	1,3-Dichlorobenzene	1.419	1.410	1.432	1.621	1.483	1.473	5.93
65) T	1,4-Dichlorobenzene	1.529	1.494	1.484	1.434	1.505	1.489	2.35
66) S	1,2-Dichlorobenz...	0.898	0.963	0.970	0.947	0.977	0.951	3.32
67) T	1,2-Dichlorobenzene	1.440	1.438	1.433	1.419	1.494	1.445	1.98
68) T	1,2-Dibromo-3-ch...	0.236	0.237	0.283	0.272	0.289	0.264	9.60
69)	1,3,5-Trichlorob...	1.020	1.129	1.059	1.071	1.135	1.083	4.50
70) T	1,2,4-trichlorob...	0.996	1.009	1.054	1.009	1.090	1.032	3.80
71)	Naphthalene	2.761	2.987	3.938	3.539	3.627	3.371	14.35
72) T	1,2,3-Trichlorob...	0.956	1.025	1.212	1.152	1.035	1.076	9.62

(#) = Out of Range