

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : SFAMXLM111121WMA.M
 Title : VOC Analysis
 Last Update : Thu Nov 11 16:29:23 2021
 Response Via : Initial Calibration

Calibration Files

5 =VX025132.D 10 =VX025127.D 50 =VX025128.D 100 =VX025129.D 200 =VX025130.D

	Compound	5	10	50	100	200	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.432	0.410	0.367	0.384	0.360	0.391	7.66
3) T	Chloromethane	0.470	0.441	0.396	0.418	0.391	0.423	7.79
4) S	Vinyl Chloride-d3	0.380	0.319	0.336	0.336	0.319	0.338	7.38
5) T	Vinyl chloride	0.490	0.450	0.408	0.430	0.404	0.436	8.05
6) T	Bromomethane	0.234	0.159	0.143	0.155	0.146	0.167	22.49
7) S	Chloroethane-d5	0.294	0.172	0.147	0.211	0.138	0.193	32.86
8) T	Chloroethane	0.286	0.149	0.200	0.248	0.212	0.219	23.48
9) T	Trichlorofluorom...	0.691	0.665	0.603	0.635	0.590	0.637	6.64
10) T	1,1,2-Trichloro...	0.353	0.346	0.312	0.329	0.311	0.330	5.81
11) S	1,1-Dichloroethe...	0.639	0.561	0.568	0.581	0.556	0.581	5.85
12) T	1,1-Dichloroethene	0.335	0.337	0.303	0.318	0.302	0.319	5.26
13) T	Acetone	0.250	0.273	0.226	0.224	0.224	0.239	9.17
14) T	Carbon disulfide	1.167	0.999	0.898	0.949	0.898	0.982	11.32
15) T	Methyl Acetate	0.439	0.395	0.366	0.385	0.364	0.390	7.78
16) T	Methylene chloride	0.401	0.372	0.323	0.342	0.325	0.353	9.54
17) T	trans-1,2-Dichlo...	0.388	0.364	0.322	0.335	0.321	0.346	8.47
18) T	Methyl tert-buty...	1.165	1.124	1.024	1.077	1.022	1.082	5.79
19) T	1,1-Dichloroethane	0.624	0.608	0.556	0.586	0.553	0.586	5.33
20) T	cis-1,2-Dichloro...	0.428	0.398	0.358	0.375	0.358	0.383	7.82
21) S	2-Butanone-d5	0.275	0.236	0.257	0.259	0.250	0.255	5.57
22) T	2-Butanone	0.331	0.339	0.307	0.312	0.304	0.319	4.80
23) T	Bromochloromethane	0.216	0.208	0.186	0.194	0.182	0.197	7.33
24) S	Chloroform-d	0.641	0.567	0.593	0.596	0.574	0.594	4.92
25) T	Chloroform	0.642	0.628	0.566	0.599	0.567	0.600	5.75
26) S	1,2-Dichloroetha...	0.408	0.346	0.355	0.352	0.339	0.360	7.67
27) T	1,2-Dichloroethane	0.464	0.449	0.419	0.444	0.424	0.440	4.23
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.693	0.671	0.601	0.630	0.598	0.639	6.63
30) T	1,1,1-Trichloroe...	0.703	0.632	0.575	0.599	0.563	0.614	9.14
31) T	Carbon tetrachlo...	0.593	0.566	0.512	0.537	0.504	0.543	6.89
32) S	Benzene-d6	1.494	1.297	1.365	1.366	1.301	1.365	5.85
33) T	Benzene	1.673	1.585	1.453	1.530	1.440	1.536	6.29
34) T	Trichloroethene	0.450	0.410	0.377	0.395	0.376	0.401	7.62
35) T	Methylcyclohexane	0.724	0.720	0.637	0.676	0.638	0.679	6.20
36) S	1,2-Dichloroprop...	0.454	0.396	0.420	0.418	0.396	0.417	5.66
37) T	1,2-Dichloropropane	0.418	0.400	0.358	0.383	0.365	0.385	6.40
38) T	Bromodichloromet...	0.581	0.530	0.491	0.514	0.489	0.521	7.24
39) T	cis-1,3-Dichloro...	0.683	0.640	0.598	0.633	0.606	0.632	5.30
40) T	4-Methyl-2-penta...	0.672	0.627	0.576	0.605	0.579	0.612	6.48
41) S	Toluene-d8	1.442	1.253	1.286	1.289	1.246	1.303	6.13
42) T	Toluene	1.776	1.724	1.571	1.674	1.598	1.669	5.12
43) S	trans-1,3-Dichlo...	0.254	0.205	0.223	0.229	0.220	0.226	7.99
44) T	trans-1,3-Dichlo...	0.660	0.619	0.580	0.620	0.596	0.615	4.87
45) T	1,1,2-Trichloroe...	0.438	0.395	0.362	0.382	0.366	0.389	7.84
46) T	Tetrachloroethene	0.364	0.347	0.317	0.333	0.313	0.335	6.28
47) S	2-Hexanone-d5	0.237	0.207	0.227	0.226	0.222	0.224	4.85
48) T	2-Hexanone	0.528	0.515	0.474	0.497	0.493	0.501	4.17
49) T	Dibromochloromet...	0.482	0.453	0.416	0.442	0.426	0.444	5.77
50) T	1,2-Dibromoethane	0.451	0.432	0.389	0.411	0.396	0.416	6.16
51) T	Chlorobenzene	1.167	1.098	1.012	1.064	1.020	1.072	5.94
52) T	Ethylbenzene	1.892	1.831	1.695	1.808	1.741	1.794	4.29
53) T	m,p-Xylene	0.762	0.742	0.680	0.733	0.709	0.725	4.41
54) T	o-Xylene	0.771	0.730	0.670	0.717	0.690	0.716	5.43
55) T	Styrene	1.263	1.217	1.144	1.231	1.220	1.215	3.60
56) S	1,1,2,2-Tetrachl...	0.639	0.563	0.595	0.604	0.601	0.600	4.51

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57) T	1,1,2,2-Tetrachl...	0.667	0.625	0.577	0.617	0.598	0.617	5.48
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.745	0.724	0.628	0.653	0.629	0.676	8.13
60)	Isopropylbenzene	3.974	3.797	3.324	3.514	3.267	3.575	8.50
61)	1,2,3-Trichlorop...	1.056	0.994	0.870	0.926	0.861	0.941	8.86
62)	1,3,5-Trimethylb...	3.388	3.210	2.806	2.987	2.776	3.033	8.67
63)	1,2,4-Trimethylb...	3.386	3.190	2.832	2.998	2.811	3.043	8.05
64) T	1,3-Dichlorobenzene	1.834	1.706	1.506	1.594	1.509	1.630	8.60
65) T	1,4-Dichlorobenzene	1.808	1.717	1.492	1.612	1.513	1.628	8.24
66) S	1,2-Dichlorobenz...	1.155	0.934	0.960	0.975	0.931	0.991	9.45
67) T	1,2-Dichlorobenzene	1.782	1.682	1.510	1.617	1.503	1.619	7.30
68) T	1,2-Dibromo-3-ch...	0.280	0.271	0.260	0.281	0.270	0.272	3.20
69)	1,3,5-Trichlorob...	1.294	1.217	1.092	1.177	1.116	1.179	6.86
70) T	1,2,4-trichlorob...	1.070	0.983	0.983	1.080	1.027	1.029	4.48
71)	Naphthalene	3.378	3.274	3.491	3.760	3.535	3.488	5.24
72) T	1,2,3-Trichlorob...	1.039	0.964	0.990	1.088	1.017	1.020	4.66

(#) = Out of Range