

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
 Method File : SFAMULM021022WMA.M
 Title : VOC Analysis
 Last Update : Thu Feb 10 16:26:05 2022
 Response Via : Initial Calibration

Calibration Files

5 =VU047073.D 10 =VU047074.D 50 =VU047075.D 100 =VU047076.D 200 =VU047077.D

Compound		5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.529	0.479	0.431	0.441	0.448	0.466	8.54
3) T	Chloromethane	0.529	0.472	0.429	0.438	0.437	0.461	8.96
4) S	Vinyl Chloride-d3	0.460	0.453	0.445	0.459	0.453	0.454	1.37
5) T	Vinyl chloride	0.525	0.473	0.433	0.443	0.448	0.465	7.94
6) T	Bromomethane	0.289	0.263	0.258	0.264	0.277	0.270	4.58
7) S	Chloroethane-d5	0.331	0.334	0.337	0.342	0.340	0.337	1.35
8) T	Chloroethane	0.292	0.274	0.254	0.259	0.260	0.268	5.67
9) T	Trichlorofluorom...	0.618	0.558	0.502	0.505	0.507	0.538	9.32
10) T	1,1,2-Trichloro-...	0.384	0.342	0.305	0.312	0.314	0.331	9.82
11) S	1,1-Dichloroethe...	0.782	0.760	0.727	0.743	0.750	0.753	2.72
12) T	1,1-Dichloroethene	0.383	0.327	0.301	0.305	0.309	0.325	10.36
13) T	Acetone	0.339	0.283	0.244	0.213	0.203	0.257	21.66
14) T	Carbon disulfide	1.152	1.033	0.958	0.969	0.990	1.020	7.71
15) T	Methyl Acetate	0.479	0.434	0.409	0.413	0.424	0.432	6.52
16) T	Methylene chloride	0.399	0.366	0.339	0.345	0.350	0.360	6.70
17) T	trans-1,2-Dichlo...	0.392	0.344	0.319	0.323	0.329	0.342	8.70
18) T	Methyl tert-buty...	1.316	1.184	1.076	1.093	1.107	1.155	8.59
19) T	1,1-Dichloroethane	0.731	0.653	0.599	0.608	0.617	0.642	8.40
20) T	cis-1,2-Dichloro...	0.416	0.384	0.359	0.365	0.366	0.378	6.15
21) S	2-Butanone-d5	0.348	0.345	0.360	0.354	0.354	0.352	1.71
22) T	2-Butanone	0.392	0.361	0.334	0.317	0.317	0.344	9.37
23) T	Bromochloromethane	0.227	0.206	0.186	0.191	0.192	0.200	8.26
24) S	Chloroform-d	0.748	0.752	0.715	0.737	0.734	0.737	1.92
25) T	Chloroform	0.717	0.640	0.590	0.594	0.601	0.628	8.48
26) S	1,2-Dichloroetha...	0.495	0.475	0.459	0.469	0.467	0.473	2.89
27) T	1,2-Dichloroethane	0.574	0.506	0.467	0.474	0.476	0.499	8.90

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.757	0.661	0.612	0.618	0.628	0.655	9.13
30) T	1,1,1-Trichloroe...	0.684	0.616	0.562	0.570	0.563	0.599	8.78
31) T	Carbon tetrachlo...	0.588	0.536	0.490	0.494	0.489	0.519	8.32
32) S	Benzene-d6	1.698	1.674	1.639	1.662	1.639	1.662	1.51
33) T	Benzene	1.782	1.598	1.465	1.478	1.474	1.559	8.72
34) T	Trichloroethene	0.466	0.414	0.381	0.384	0.379	0.405	9.16
35) T	Methylcyclohexane	0.784	0.676	0.640	0.646	0.653	0.680	8.80
36) S	1,2-Dichloroprop...	0.563	0.538	0.527	0.535	0.532	0.539	2.57
37) T	1,2-Dichloropropane	0.481	0.426	0.391	0.394	0.397	0.418	9.11
38) T	Bromodichloromet...	0.604	0.543	0.500	0.507	0.509	0.532	8.09
39) T	cis-1,3-Dichloro...	0.737	0.702	0.650	0.640	0.666	0.679	5.93
40) T	4-Methyl-2-penta...	0.729	0.678	0.627	0.627	0.646	0.662	6.55
41) S	Toluene-d8	1.638	1.601	1.551	1.574	1.549	1.583	2.35
42) T	Toluene	1.949	1.760	1.612	1.626	1.618	1.713	8.51
43) S	trans-1,3-Dichlo...	0.282	0.282	0.277	0.286	0.285	0.282	1.24
44) T	trans-1,3-Dichlo...	0.696	0.658	0.620	0.641	0.647	0.652	4.31
45) T	1,1,2-Trichloroe...	0.440	0.410	0.368	0.373	0.375	0.393	7.88
46) T	Tetrachloroethene	0.376	0.338	0.304	0.308	0.303	0.326	9.71
47) S	2-Hexanone-d5	0.291	0.292	0.305	0.318	0.338	0.309	6.37
48) T	2-Hexanone	0.615	0.557	0.524	0.513	0.526	0.547	7.51
49) T	Dibromochloromet...	0.518	0.460	0.428	0.434	0.435	0.455	8.19
50) T	1,2-Dibromoethane	0.492	0.444	0.410	0.419	0.421	0.437	7.57
51) T	Chlorobenzene	1.241	1.126	1.035	1.045	1.046	1.098	7.97
52) T	Ethylbenzene	2.111	1.909	1.765	1.789	1.799	1.875	7.63
53) T	m,p-Xylene	0.823	0.767	0.703	0.713	0.714	0.744	6.81
54) T	o-xylene	0.829	0.749	0.685	0.697	0.702	0.732	8.08
55) T	Styrene	1.405	1.280	1.177	1.208	1.231	1.260	7.10
56) S	1,1,2,2-Tetrachl...	0.780	0.759	0.762	0.791	0.838	0.786	4.08

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57) T	1,1,2,2-Tetrachl...	0.742	0.695	0.650	0.667	0.714	0.694	5.26
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.737	0.704	0.650	0.656	0.648	0.679	5.86
60) T	1,2,3-Trichlorop...	1.217	1.130	0.997	0.986	0.999	1.066	9.68
61) T	Isopropylbenzene	4.063	3.716	3.316	3.289	3.190	3.515	10.42
62) T	1,3,5-Trimethylb...	2.868	2.615	2.318	2.330	2.324	2.491	9.85
63) T	1,2,4-Trimethylb...	3.444	3.152	2.820	2.849	2.856	3.024	8.94
64) T	1,3-Dichlorobenzene	1.862	1.704	1.537	1.546	1.551	1.640	8.68
65) T	1,4-Dichlorobenzene	1.873	1.728	1.531	1.551	1.560	1.649	8.98
66) S	1,2-Dichlorobenz...	1.250	1.219	1.141	1.157	1.162	1.186	3.93
67) T	1,2-Dichlorobenzene	1.871	1.695	1.514	1.535	1.547	1.632	9.28
68) T	1,2-Dibromo-3-ch...	0.387	0.359	0.309	0.314	0.329	0.340	9.68
69)	1,3,5-Trichlorob...	1.428	1.314	1.177	1.204	1.219	1.268	8.13
70) T	1,2,4-trichlorob...	1.343	1.239	1.117	1.155	1.157	1.202	7.52
71)	Naphthalene	4.720	4.453	4.026	4.060	4.023	4.256	7.43
72) T	1,2,3-Trichlorob...	1.355	1.233	1.123	1.142	1.132	1.197	8.25

(#) = Out of Range