

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : SFAMXLM122021WMA.M
 Title : VOC Analysis
 Last Update : Mon Dec 20 14:47:07 2021
 Response Via : Initial Calibration

Calibration Files

5 =VX025910.D 10 =VX025911.D 50 =VX025912.D 100 =VX025913.D 200 =VX025914.D

	Compound	5	10	50	100	200	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.408	0.498	0.305	0.451	0.497	0.432	18.50
3) T	Chloromethane	0.449	0.469	0.416	0.427	0.464	0.445	5.23
4) S	Vinyl Chloride-d3	0.409	0.438	0.344	0.412	0.413	0.403	8.71
5) T	Vinyl chloride	0.437	0.484	0.389	0.458	0.496	0.453	9.33
6) T	Bromomethane	0.350	0.333	0.320	0.301	0.303	0.321	6.41
7) S	Chloroethane-d5	0.335	0.350	0.318	0.337	0.343	0.337	3.58
8) T	Chloroethane	0.304	0.314	0.275	0.291	0.315	0.300	5.62
9) T	Trichlorofluorom...	0.657	0.722	0.528	0.693	0.742	0.668	12.69
10) T	1,1,2-Trichloro-...	0.323	0.363	0.235	0.337	0.373	0.326	16.75
11) S	1,1-Dichloroethe...	0.697	0.737	0.611	0.719	0.737	0.700	7.54
12) T	1,1-Dichloroethene	0.292	0.337	0.270	0.314	0.352	0.313	10.49
13) T	Acetone	0.236	0.240	0.244	0.215	0.229	0.233	4.92
14) T	Carbon disulfide	0.869	0.918	0.793	0.951	1.062	0.919	10.85
15) T	Methyl Acetate	0.428	0.418	0.436	0.397	0.430	0.422	3.67
16) T	Methylene chloride	0.430	0.404	0.393	0.374	0.407	0.402	5.13
17) T	trans-1,2-Dichlo...	0.382	0.367	0.342	0.359	0.396	0.369	5.68
18) T	Methyl tert-buty...	1.167	1.173	1.209	1.130	1.237	1.183	3.46
19) T	1,1-Dichloroethane	0.636	0.676	0.660	0.652	0.706	0.666	4.02
20) T	cis-1,2-Dichloro...	0.422	0.413	0.405	0.410	0.444	0.419	3.66
21) S	2-Butanone-d5	0.280	0.288	0.309	0.284	0.293	0.291	3.90
22) T	2-Butanone	0.317	0.336	0.347	0.313	0.337	0.330	4.35
23) T	Bromochloromethane	0.220	0.213	0.222	0.209	0.232	0.219	4.18
24) S	Chloroform-d	0.782	0.771	0.769	0.766	0.774	0.773	0.79
25) T	Chloroform	0.713	0.755	0.720	0.699	0.751	0.727	3.37
26) S	1,2-Dichloroetha...	0.526	0.517	0.514	0.482	0.480	0.504	4.24
27) T	1,2-Dichloroethane	0.582	0.594	0.594	0.554	0.591	0.583	2.91
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.538	0.662	0.425	0.626	0.684	0.587	18.10
30) T	1,1,1-Trichloroe...	0.578	0.652	0.540	0.617	0.682	0.614	9.25
31) T	Carbon tetrachlo...	0.466	0.547	0.437	0.552	0.613	0.523	13.58
32) S	Benzene-d6	1.509	1.585	1.431	1.521	1.528	1.515	3.65
33) T	Benzene	1.521	1.656	1.479	1.548	1.662	1.573	5.23
34) T	Trichloroethene	0.391	0.438	0.371	0.406	0.440	0.409	7.37
35) T	Methylcyclohexane	0.519	0.668	0.406	0.656	0.709	0.592	21.30
36) S	1,2-Dichloroprop...	0.454	0.490	0.443	0.461	0.459	0.461	3.79
37) T	1,2-Dichloropropane	0.379	0.394	0.381	0.383	0.413	0.390	3.56
38) T	Bromodichloromet...	0.484	0.528	0.521	0.528	0.579	0.528	6.37
39) T	cis-1,3-Dichloro...	0.508	0.516	0.573	0.608	0.679	0.577	12.23
40) T	4-Methyl-2-penta...	0.546	0.585	0.615	0.587	0.655	0.598	6.77
41) S	Toluene-d8	1.433	1.467	1.356	1.457	1.479	1.438	3.40
42) T	Toluene	1.599	1.747	1.617	1.708	1.859	1.706	6.19
43) S	trans-1,3-Dichlo...	0.188	0.175	0.201	0.220	0.234	0.204	11.63
44) T	trans-1,3-Dichlo...	0.438	0.476	0.550	0.584	0.661	0.542	16.33
45) T	1,1,2-Trichloroe...	0.391	0.412	0.405	0.394	0.430	0.406	3.83
46) T	Tetrachloroethene	0.289	0.328	0.272	0.323	0.358	0.314	10.75
47) S	2-Hexanone-d5	0.177	0.194	0.215	0.217	0.234	0.207	10.72
48) T	2-Hexanone	0.449	0.474	0.497	0.480	0.533	0.487	6.40
49) T	Dibromochloromet...	0.375	0.396	0.426	0.434	0.492	0.425	10.53
50) T	1,2-Dibromoethane	0.397	0.430	0.428	0.426	0.467	0.430	5.86
51) T	Chlorobenzene	1.062	1.118	1.075	1.097	1.217	1.114	5.52
52) T	Ethylbenzene	1.662	1.850	1.726	1.866	2.046	1.830	8.08
53) T	m,p-Xylene	0.652	0.726	0.690	0.747	0.827	0.728	9.04
54) T	o-Xylene	0.635	0.692	0.687	0.731	0.799	0.709	8.58
55) T	Styrene	1.013	1.129	1.185	1.246	1.400	1.195	12.00
56) S	1,1,2,2-Tetrachl...	0.611	0.661	0.658	0.666	0.673	0.654	3.76

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57) T	1,1,2,2-Tetrachl...	0.606	0.635	0.638	0.618	0.675	0.634	4.11
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.474	0.509	0.568	0.572	0.671	0.559	13.43
60)	Isopropylbenzene	3.350	3.767	3.199	3.534	3.845	3.539	7.69
61)	1,2,3-Trichlorop...	1.046	1.098	0.990	0.921	0.983	1.007	6.68
62)	1,3,5-Trimethylb...	2.773	3.066	2.812	3.003	3.290	2.989	6.99
63)	1,2,4-Trimethylb...	2.837	3.002	2.865	3.021	3.288	3.003	5.96
64) T	1,3-Dichlorobenzene	1.581	1.673	1.540	1.621	1.774	1.638	5.54
65) T	1,4-Dichlorobenzene	1.627	1.678	1.547	1.605	1.742	1.640	4.52
66) S	1,2-Dichlorobenz...	1.064	1.084	1.029	1.044	1.049	1.054	1.99
67) T	1,2-Dichlorobenzene	1.631	1.663	1.567	1.582	1.679	1.625	3.00
68) T	1,2-Dibromo-3-ch...	0.200	0.235	0.240	0.231	0.271	0.235	10.61
69)	1,3,5-Trichlorob...	0.977	1.039	0.965	1.088	1.204	1.055	9.18
70) T	1,2,4-trichlorob...	0.697	0.794	0.823	0.939	1.082	0.867	17.06
71)	Naphthalene	2.097	2.464	3.129	3.343	3.742	2.955	22.56
72) T	1,2,3-Trichlorob...	0.678	0.778	0.851	0.949	1.086	0.868	18.11

(#) = Out of Range