

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOMVLM102319WMA.M
 Title : VOC Analysis
 Last Update : Thu Oct 24 02:42:10 2019
 Response Via : Initial Calibration

Calibration Files

5 =VV013293.D 10 =VV013294.D 50 =VV013295.D
 100 =VV013296.D 200 =VV013297.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.515	0.437	0.420	0.382	0.395	0.430	12.16
3) T	Chloromethane	0.381	0.328	0.321	0.292	0.297	0.324	10.93
4) S	Vinyl Chloride-d3	0.413	0.314	0.324	0.306	0.300	0.331	14.04
5) T	Vinyl chloride	0.393	0.344	0.330	0.298	0.306	0.334	11.16
6) T	Bromomethane	0.193	0.164	0.166	0.160	0.174	0.171	7.55
7) S	Chloroethane-d5	0.327	0.232	0.245	0.240	0.235	0.256	15.68
8) T	Chloroethane	0.229	0.193	0.178	0.169	0.171	0.188	13.18
9) T	Trichlorofluorometh	0.563	0.472	0.442	0.414	0.433	0.465	12.66
10) T	1,1,2-Trichloro-1,2	0.336	0.254	0.258	0.229	0.237	0.263	16.15
11) S	1,1-Dichloroethene-	0.619	0.449	0.483	0.440	0.435	0.485	15.94
12) T	1,1-Dichloroethene	0.321	0.248	0.250	0.219	0.228	0.253	15.86
13) T	Acetone	0.159	0.160	0.147	0.177	0.177	0.164	7.85
14) T	Carbon disulfide	1.117	0.808	0.871	0.775	0.813	0.877	15.83
15) T	Methyl Acetate	0.360	0.324	0.322	0.340	0.361	0.342	5.49
16) T	Methylene chloride	0.435	0.386	0.367	0.343	0.350	0.376	9.78
17) T	trans-1,2-Dichloroe	0.395	0.354	0.340	0.320	0.338	0.349	8.06
18) T	Methyl tert-butyl E	1.069	0.997	0.996	0.979	1.020	1.012	3.46
19) T	1,1-Dichloroethane	0.711	0.647	0.621	0.579	0.598	0.631	8.15
20) T	cis-1,2-Dichloroeth	0.413	0.369	0.377	0.359	0.376	0.379	5.39
21) S	2-Butanone-d5	0.211	0.190	0.212	0.245	0.253	0.222	11.76
22) T	2-Butanone	0.166	0.229	0.222	0.276	0.284	0.235	20.24
23) T	Bromochloromethane	0.224	0.204	0.202	0.193	0.201	0.205	5.72
24) S	Chloroform-d	0.864	0.661	0.701	0.680	0.666	0.714	11.93
25) T	Chloroform	0.743	0.656	0.631	0.591	0.610	0.646	9.17
26) S	1,2-Dichloroethane-	0.503	0.399	0.415	0.408	0.395	0.424	10.62
27) T	1,2-Dichloroethane	0.509	0.487	0.465	0.442	0.451	0.471	5.76

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.569	0.550	0.602	0.566	0.610	0.579	4.39
30) T	1,1,1-Trichloroetha	0.644	0.574	0.575	0.532	0.567	0.579	7.04
31) T	Carbon tetrachlorid	0.578	0.520	0.518	0.473	0.520	0.522	7.11
32) S	Benzene-d6	1.733	1.449	1.550	1.487	1.479	1.539	7.42
33) T	Benzene	1.625	1.547	1.537	1.413	1.472	1.519	5.30
34) T	Trichloroethene	0.443	0.398	0.391	0.364	0.393	0.398	7.13
35) T	Methylcyclohexane	0.599	0.549	0.629	0.594	0.650	0.604	6.38
36) S	1,2-Dichloropropane	0.555	0.451	0.465	0.454	0.459	0.477	9.22
37) T	1,2-Dichloropropane	0.408	0.383	0.387	0.360	0.375	0.383	4.59
38) T	Bromodichloromethan	0.546	0.501	0.504	0.468	0.499	0.504	5.46
39) T	cis-1,3-Dichloropro	0.550	0.528	0.584	0.576	0.622	0.572	6.20
40) T	4-Methyl-2-pentanone	0.432	0.466	0.480	0.486	0.512	0.475	6.21
41) S	Toluene-d8	1.489	1.280	1.430	1.378	1.362	1.388	5.63
42) T	Toluene	1.605	1.550	1.615	1.479	1.536	1.557	3.54
43) S	trans-1,3-Dichlorop	0.214	0.186	0.210	0.216	0.225	0.210	6.93
44) T	trans-1,3-Dichlorop	0.473	0.449	0.497	0.492	0.536	0.489	6.58
45) T	1,1,2-Trichloroetha	0.412	0.384	0.373	0.347	0.366	0.377	6.37
46) T	Tetrachloroethene	0.388	0.352	0.349	0.330	0.354	0.355	5.95
47) S	2-Hexanone-d5	0.113	0.118	0.141	0.167	0.182	0.144	20.90
48) T	2-Hexanone	0.354	0.365	0.410	0.394	0.406	0.386	6.53
49) T	Dibromochloromethan	0.446	0.414	0.424	0.408	0.441	0.427	3.91
50) T	1,2-Dibromoethane	0.423	0.396	0.398	0.379	0.404	0.400	3.96
51) T	Chlorobenzene	1.145	1.068	1.050	0.993	1.038	1.059	5.26
52) T	Ethylbenzene	1.614	1.559	1.731	1.621	1.699	1.645	4.21

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.600	0.586	0.680	0.642	0.687	0.639	7.13
54) T	o-xylene	0.574	0.583	0.655	0.631	0.673	0.623	7.01
55) T	Styrene	0.939	0.968	1.140	1.084	1.150	1.057	9.24
56) T	Isopropylbenzene	1.480	1.448	1.702	1.629	1.700	1.592	7.60
57) S	1,1,2,2-Tetrachloro	0.722	0.597	0.620	0.604	0.608	0.630	8.26
58) T	1,1,2,2-Tetrachloro	0.627	0.588	0.576	0.539	0.570	0.580	5.51
59)	1,2,3-Trichloroprop	0.529	0.491	0.471	0.435	0.460	0.477	7.44
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.725	0.666	0.629	0.600	0.643	0.653	7.20
62) T	1,3-Dichlorobenzene	1.787	1.602	1.610	1.496	1.575	1.614	6.61
63) T	1,4-Dichlorobenzene	1.938	1.712	1.626	1.509	1.598	1.677	9.73
64) S	1,2-Dichlorobenzene	1.390	1.098	1.094	1.072	1.083	1.147	11.84
65) T	1,2-Dichlorobenzene	1.883	1.704	1.628	1.510	1.596	1.664	8.46
66) T	1,2-Dibromo-3-chlor	0.272	0.230	0.222	0.211	0.231	0.233	9.89
67)	1,3,5-Trichlorobenz	1.302	1.147	1.189	1.159	1.281	1.216	5.87
68) T	1,2,4-trichlorobenz	1.015	0.888	1.008	1.022	1.170	1.020	9.81
69)	Naphthalene	2.430	2.171	2.956	3.024	3.234	2.763	16.07
70) T	1,2,3-Trichlorobenz	1.115	0.980	1.111	1.083	1.177	1.093	6.60

(#) = Out of Range