

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : SOMVLM111220WMA.M
 Title : VOC Analysis
 Last Update : Thu Nov 12 13:14:13 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV019345.D 10 =VV019346.D 50 =VV019347.D
 100 =VV019348.D 200 =VV019349.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.420	0.386	0.429	0.435	0.427	0.419	4.63
3) T	Chloromethane	0.348	0.356	0.392	0.386	0.391	0.375	5.66
4) S	Vinyl Chloride-d3	0.367	0.370	0.378	0.390	0.379	0.377	2.34
5) T	Vinyl chloride	0.383	0.386	0.413	0.418	0.420	0.404	4.45
6) T	Bromomethane	0.282	0.270	0.300	0.296	0.296	0.289	4.32
7) S	Chloroethane-d5	0.307	0.298	0.308	0.309	0.308	0.306	1.49
8) T	Chloroethane	0.236	0.243	0.265	0.260	0.269	0.255	5.57
9) T	Trichlorofluorometh	0.692	0.675	0.750	0.758	0.747	0.724	5.26
10) T	1,1,2-Trichloro-1,2	0.311	0.307	0.342	0.347	0.344	0.330	5.85
11) S	1,1-Dichloroethene-	0.751	0.774	0.777	0.789	0.787	0.776	1.95
12) T	1,1-Dichloroethene	0.318	0.320	0.347	0.351	0.350	0.337	4.99
13) T	Acetone	0.170	0.162	0.173	0.162	0.161	0.166	3.35
14) T	Carbon disulfide	0.854	0.883	0.962	0.977	0.984	0.932	6.37
15) T	Methyl Acetate	0.228	0.267	0.301	0.297	0.304	0.279	11.51
16) T	Methylene chloride	0.316	0.334	0.354	0.342	0.345	0.338	4.22
17) T	trans-1,2-Dichloroe	0.282	0.314	0.338	0.343	0.344	0.324	8.18
18) T	Methyl tert-butyl E	0.885	0.963	1.113	1.103	1.143	1.041	10.72
19) T	1,1-Dichloroethane	0.505	0.538	0.591	0.588	0.589	0.562	6.97
20) T	cis-1,2-Dichloroeth	0.295	0.324	0.361	0.362	0.374	0.343	9.63
21) S	2-Butanone-d5	0.169	0.180	0.208	0.205	0.209	0.194	9.41
22) T	2-Butanone	0.165	0.157	0.211	0.205	0.211	0.190	13.99
23) T	Bromochloromethane	0.171	0.188	0.210	0.208	0.212	0.198	8.99
24) S	Chloroform-d	0.692	0.709	0.745	0.726	0.732	0.721	2.87
25) T	Chloroform	0.601	0.630	0.691	0.673	0.674	0.654	5.70
26) S	1,2-Dichloroethane-	0.487	0.487	0.513	0.499	0.501	0.497	2.20
27) T	1,2-Dichloroethane	0.483	0.527	0.602	0.567	0.590	0.554	8.79
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.375	0.374	0.452	0.482	0.477	0.432	12.41
30) T	1,1,1-Trichloroetha	0.617	0.625	0.682	0.680	0.680	0.657	4.95
31) T	Carbon tetrachlorid	0.537	0.561	0.618	0.624	0.617	0.591	6.70
32) S	Benzene-d6	1.226	1.259	1.332	1.310	1.320	1.289	3.50
33) T	Benzene	1.126	1.154	1.354	1.331	1.342	1.261	8.84
34) T	Trichloroethene	0.380	0.366	0.389	0.383	0.383	0.380	2.27
35) T	Methylcyclohexane	0.436	0.409	0.490	0.513	0.504	0.470	9.65
36) S	1,2-Dichloropropane	0.333	0.352	0.371	0.362	0.370	0.358	4.38
37) T	1,2-Dichloropropane	0.282	0.291	0.322	0.313	0.324	0.307	6.17
38) T	Bromodichloromethan	0.448	0.459	0.528	0.521	0.536	0.498	8.35
39) T	cis-1,3-Dichloropro	0.437	0.433	0.581	0.573	0.603	0.526	15.79
40) T	4-Methyl-2-pentanone	0.324	0.338	0.421	0.416	0.434	0.387	13.30
41) S	Toluene-d8	1.176	1.209	1.307	1.306	1.302	1.260	4.97
42) T	Toluene	1.218	1.293	1.514	1.529	1.540	1.419	10.70
43) S	trans-1,3-Dichlorop	0.207	0.215	0.238	0.234	0.248	0.228	7.47
44) T	trans-1,3-Dichlorop	0.429	0.492	0.616	0.619	0.645	0.560	16.87
45) T	1,1,2-Trichloroetha	0.299	0.313	0.360	0.338	0.353	0.333	7.77
46) T	Tetrachloroethene	0.311	0.320	0.347	0.349	0.348	0.335	5.33
47) S	2-Hexanone-d5	0.089	0.102	0.155	0.158	0.168	0.134	27.00
48) T	2-Hexanone	0.256	0.262	0.337	0.322	0.339	0.303	13.53
49) T	Dibromochloromethan	0.360	0.391	0.454	0.456	0.473	0.427	11.42
50) T	1,2-Dibromoethane	0.318	0.338	0.393	0.381	0.388	0.364	9.23
51) T	Chlorobenzene	0.881	0.935	1.017	1.014	1.031	0.976	6.65
52) T	Ethylbenzene	1.333	1.425	1.692	1.746	1.738	1.587	12.21

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.523	0.552	0.648	0.674	0.676	0.614	11.74
54) T	o-xylene	0.484	0.533	0.641	0.655	0.658	0.594	13.54
55) T	Styrene	0.819	0.926	1.141	1.183	1.185	1.051	15.99
56) T	Isopropylbenzene	1.341	1.367	1.706	1.788	1.775	1.595	13.96
57) S	1,1,2,2-Tetrachloro	0.433	0.451	0.519	0.515	0.526	0.489	8.90
58) T	1,1,2,2-Tetrachloro	0.363	0.410	0.492	0.493	0.514	0.454	14.24
59) MA	1,2,3-Trichloroprop	0.384	0.390	0.446	0.431	0.442	0.419	7.03
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.490	0.528	0.599	0.599	0.630	0.569	10.19
62) T	1,3-Dichlorobenzene	1.281	1.310	1.474	1.473	1.485	1.405	7.13
63) T	1,4-Dichlorobenzene	1.405	1.387	1.499	1.529	1.528	1.470	4.68
64) S	1,2-Dichlorobenzene	0.956	0.918	0.966	0.963	0.973	0.955	2.27
65) T	1,2-Dichlorobenzene	1.310	1.342	1.488	1.482	1.486	1.421	6.18
66) T	1,2-Dibromo-3-chlor	0.164	0.174	0.221	0.226	0.241	0.205	16.56
67) MA	1,3,5-Trichlorobenz	1.012	0.986	1.117	1.130	1.139	1.077	6.67
68) T	1,2,4-trichlorobenz	0.811	0.813	1.029	1.078	1.113	0.969	15.10
69) MA	Naphthalene	1.588	1.765	2.536	2.645	2.907	2.288	25.26
70) T	1,2,3-Trichlorobenz	0.823	0.843	1.053	1.060	1.095	0.975	13.41

(#) = Out of Range