

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM081219WMA.M
 Title : VOC Analysis
 Last Update : Mon Aug 12 01:34:49 2019
 Response Via : Initial Calibration

Calibration Files

5 =VV012156.D 10 =VV012157.D 50 =VV012186.D
 100 =VV012159.D 200 =VV012160.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.398	0.396	0.433	0.466	0.430	0.424	6.83
3) T	Chloromethane	0.249	0.281	0.315	0.338	0.314	0.300	11.64
4) S	Vinyl Chloride-d3	0.183	0.170	0.186	0.191	0.189	0.184	4.57
5) T	Vinyl chloride	0.230	0.253	0.294	0.311	0.294	0.276	12.16
6) T	Bromomethane	0.144	0.153	0.171	0.179	0.164	0.162	8.55
7) S	Chloroethane-d5	0.115	0.114	0.122	0.119	0.117	0.117	2.85
8) T	Chloroethane	0.128	0.135	0.157	0.157	0.148	0.145	9.19
9) T	Trichlorofluorometh	0.434	0.423	0.496	0.525	0.483	0.472	9.06
10) T	1,1,2-Trichloro-1,2	0.196	0.209	0.235	0.246	0.216	0.220	9.16
11) S	1,1-Dichloroethene-	0.336	0.319	0.367	0.373	0.344	0.348	6.47
12) T	1,1-Dichloroethene	0.171	0.189	0.219	0.230	0.206	0.203	11.66
13) T	Acetone	0.135	0.121	0.152	0.135	0.118	0.132	10.17
14) T	Carbon disulfide	0.640	0.648	0.774	0.839	0.758	0.732	11.73
15) T	Methyl Acetate	0.229	0.238	0.291	0.307	0.287	0.270	12.81
16) T	Methylene chloride	0.276	0.284	0.322	0.349	0.321	0.311	9.73
17) T	trans-1,2-Dichloroe	0.251	0.272	0.315	0.334	0.308	0.296	11.44
18) T	Methyl tert-butyl E	0.789	0.852	1.023	1.094	1.007	0.953	13.33
19) T	1,1-Dichloroethane	0.462	0.471	0.548	0.583	0.531	0.519	9.94
20) T	cis-1,2-Dichloroeth	0.278	0.309	0.357	0.383	0.355	0.336	12.55
21) S	2-Butanone-d5	0.079	0.080	0.098	0.099	0.098	0.091	11.29
22) T	2-Butanone	0.154	0.175	0.214	0.229	0.211	0.197	15.72
23) T	Bromochloromethane	0.152	0.170	0.201	0.211	0.195	0.186	12.99
24) S	Chloroform-d	0.402	0.364	0.384	0.391	0.370	0.382	4.07
25) T	Chloroform	0.518	0.542	0.613	0.650	0.599	0.585	9.20
26) S	1,2-Dichloroethane-	0.221	0.217	0.222	0.224	0.213	0.219	2.00
27) T	1,2-Dichloroethane	0.398	0.432	0.487	0.513	0.468	0.459	9.88
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.385	0.420	0.506	0.532	0.485	0.466	13.16
30) T	1,1,1-Trichloroetha	0.510	0.535	0.629	0.645	0.595	0.583	10.07
31) T	Carbon tetrachlorid	0.471	0.495	0.587	0.606	0.559	0.543	10.72
32) S	Benzene-d6	0.766	0.739	0.807	0.807	0.757	0.775	3.95
33) T	Benzene	1.086	1.162	1.377	1.407	1.286	1.263	10.89
34) T	Trichloroethene	0.292	0.320	0.375	0.384	0.354	0.345	11.16
35) T	Methylcyclohexane	0.472	0.476	0.578	0.605	0.556	0.537	11.30
36) S	1,2-Dichloropropane	0.220	0.199	0.216	0.214	0.206	0.211	4.03
37) T	1,2-Dichloropropane	0.267	0.277	0.332	0.336	0.308	0.304	10.35
38) T	Bromodichloromethan	0.403	0.422	0.506	0.535	0.490	0.471	11.94
39) T	cis-1,3-Dichloropro	0.413	0.450	0.578	0.612	0.568	0.524	16.61
40) T	4-Methyl-2-pentanone	0.307	0.337	0.431	0.455	0.422	0.391	16.49
41) S	Toluene-d8	0.745	0.698	0.767	0.759	0.723	0.738	3.81
42) T	Toluene	1.157	1.277	1.532	1.582	1.443	1.398	12.72
43) S	trans-1,3-Dichlorop	0.117	0.106	0.115	0.119	0.115	0.114	4.31
44) T	trans-1,3-Dichlorop	0.360	0.399	0.525	0.560	0.524	0.473	18.65
45) T	1,1,2-Trichloroetha	0.289	0.313	0.363	0.373	0.344	0.336	10.42
46) T	Tetrachloroethene	0.284	0.308	0.352	0.367	0.337	0.330	10.17
47) S	2-Hexanone-d5	0.072	0.069	0.087	0.088	0.088	0.081	11.65
48) T	2-Hexanone	0.226	0.249	0.330	0.345	0.326	0.295	18.16
49) T	Dibromochloromethan	0.356	0.374	0.462	0.486	0.452	0.426	13.43
50) T	1,2-Dibromoethane	0.310	0.337	0.396	0.410	0.385	0.368	11.55
51) T	Chlorobenzene	0.808	0.889	1.029	1.067	0.985	0.956	11.11
52) T	Ethylbenzene	1.252	1.400	1.707	1.787	1.660	1.561	14.47

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.520	0.524	0.665	0.710	0.657	0.615	14.19
54) T	o-xylene	0.502	0.532	0.669	0.699	0.647	0.610	14.32
55) T	Styrene	0.794	0.891	1.122	1.190	1.099	1.019	16.52
56) T	Isopropylbenzene	1.319	1.397	1.761	1.852	1.721	1.610	14.68
57) S	1,1,2,2-Tetrachloro	0.285	0.275	0.300	0.298	0.287	0.289	3.45
58) T	1,1,2,2-Tetrachloro	0.424	0.466	0.556	0.582	0.549	0.516	13.06
59)	1,2,3-Trichloroprop	0.363	0.372	0.432	0.457	0.427	0.410	9.87
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.565	0.561	0.704	0.724	0.657	0.642	11.92
62) T	1,3-Dichlorobenzene	1.298	1.422	1.628	1.685	1.560	1.518	10.37
63) T	1,4-Dichlorobenzene	1.310	1.426	1.591	1.676	1.557	1.512	9.57
64) S	1,2-Dichlorobenzene	0.659	0.577	0.581	0.576	0.562	0.591	6.51
65) T	1,2-Dichlorobenzene	1.264	1.425	1.662	1.716	1.602	1.534	12.14
66) T	1,2-Dibromo-3-chlor	0.194	0.215	0.256	0.267	0.256	0.238	13.25
67)	1,3,5-Trichlorobenz	1.025	1.046	1.253	1.353	1.301	1.196	12.61
68) T	1,2,4-trichlorobenz	0.759	0.812	1.061	1.173	1.155	0.992	19.56
69)	Naphthalene	1.820	2.017	3.130	3.518	3.363	2.770	28.60
70) T	1,2,3-Trichlorobenz	0.832	0.855	1.121	1.239	1.162	1.042	17.86

(#) = Out of Range