

Method Path : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\
 Method File : SFAMXML092120WMA.M
 Title : VOC Analysis
 Last Update : Tue Sep 22 01:26:06 2020
 Response Via : Initial Calibration

Calibration Files

5 =VX018508.D 10 =VX018509.D 50 =VX018510.D
 100 =VX018511.D 200 =VX018512.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.492	0.376	0.430	0.434	0.421	0.431	9.57
3) T	Chloromethane	0.358	0.301	0.324	0.331	0.330	0.329	6.19
4) S	Vinyl Chloride-d3	0.318	0.324	0.342	0.341	0.336	0.332	3.16
5) T	Vinyl chloride	0.403	0.324	0.367	0.371	0.363	0.366	7.75
6) T	Bromomethane	0.202	0.159	0.192	0.216	0.206	0.195	11.22
7) S	Chloroethane-d5	0.253	0.247	0.255	0.254	0.246	0.251	1.69
8) T	Chloroethane	0.243	0.194	0.219	0.210	0.208	0.215	8.55
9) T	Trichlorofluorometh	0.700	0.553	0.622	0.609	0.603	0.617	8.59
10) T	1,1,2-Trichloro-1,2	0.379	0.304	0.340	0.330	0.326	0.336	8.28
11) S	1,1-Dichloroethene-	0.661	0.642	0.704	0.691	0.679	0.675	3.64
12) T	1,1-Dichloroethene	0.335	0.292	0.320	0.318	0.310	0.315	5.01
13) T	Acetone	0.189	0.146	0.161	0.161	0.154	0.162	10.16
14) T	Carbon disulfide	1.033	0.855	0.982	0.967	0.951	0.958	6.78
15) T	Methyl Acetate	0.346	0.317	0.351	0.360	0.346	0.344	4.64
16) T	Methylene chloride	0.398	0.311	0.346	0.339	0.332	0.345	9.30
17) T	trans-1,2-Dichloroe	0.368	0.300	0.333	0.329	0.327	0.331	7.37
18) T	Methyl tert-butyl E	1.111	0.917	1.105	1.104	1.102	1.068	7.89
19) T	1,1-Dichloroethane	0.672	0.550	0.626	0.620	0.612	0.616	7.10
20) T	cis-1,2-Dichloroeth	0.404	0.315	0.361	0.367	0.366	0.362	8.78
21) S	2-Butanone-d5	0.187	0.213	0.235	0.237	0.230	0.220	9.45
22) T	2-Butanone	0.253	0.217	0.253	0.260	0.249	0.246	6.79
23) T	Bromochloromethane	0.214	0.186	0.204	0.197	0.196	0.199	5.23
24) S	Chloroform-d	0.571	0.611	0.671	0.666	0.660	0.636	6.83
25) T	Chloroform	0.762	0.645	0.704	0.681	0.651	0.689	6.90
26) S	1,2-Dichloroethane-	0.495	0.479	0.492	0.469	0.458	0.479	3.18
27) T	1,2-Dichloroethane	0.590	0.501	0.567	0.555	0.543	0.551	5.94

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.550	0.476	0.565	0.577	0.575	0.549	7.64
30) T	1,1,1-Trichloroetha	0.728	0.621	0.679	0.670	0.660	0.672	5.72
31) T	Carbon tetrachlorid	0.637	0.543	0.622	0.622	0.611	0.607	6.12
32) S	Benzene-d6	1.192	1.283	1.374	1.333	1.301	1.297	5.25
33) T	Benzene	1.464	1.288	1.444	1.426	1.391	1.403	4.95
34) T	Trichloroethene	0.424	0.354	0.394	0.395	0.390	0.391	6.39
35) T	Methylcyclohexane	0.595	0.478	0.592	0.587	0.592	0.569	8.95
36) S	1,2-Dichloropropane	0.365	0.404	0.423	0.418	0.410	0.404	5.71
37) T	1,2-Dichloropropane	0.404	0.323	0.374	0.378	0.372	0.370	7.85
38) T	Bromodichloromethan	0.564	0.471	0.544	0.548	0.530	0.531	6.72
39) T	cis-1,3-Dichloropro	0.616	0.498	0.620	0.626	0.627	0.598	9.37
40) T	4-Methyl-2-pentanone	0.466	0.419	0.520	0.529	0.521	0.491	9.68
41) S	Toluene-d8	1.220	1.222	1.317	1.309	1.272	1.268	3.65
42) T	Toluene	1.541	1.306	1.585	1.567	1.536	1.507	7.57
43) S	trans-1,3-Dichlorop	0.195	0.231	0.246	0.243	0.244	0.232	9.24
44) T	trans-1,3-Dichlorop	0.599	0.524	0.626	0.645	0.647	0.608	8.33
45) T	1,1,2-Trichloroetha	0.379	0.319	0.374	0.365	0.355	0.359	6.64
46) T	Tetrachloroethene	0.359	0.280	0.328	0.330	0.313	0.322	8.95
47) S	2-Hexanone-d5	0.128	0.150	0.187	0.186	0.189	0.168	16.42
48) T	2-Hexanone	0.375	0.324	0.405	0.417	0.413	0.387	9.98
49) T	Dibromochloromethan	0.464	0.394	0.466	0.469	0.466	0.452	7.12
50) T	1,2-Dibromoethane	0.402	0.353	0.405	0.405	0.407	0.394	5.84
51) T	Chlorobenzene	1.057	0.908	1.049	1.036	1.011	1.012	6.01
52) T	Ethylbenzene	1.662	1.438	1.753	1.786	1.752	1.678	8.46

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.629	0.531	0.684	0.681	0.671	0.639	10.06
54) T	o-Xylene	0.603	0.502	0.662	0.655	0.656	0.616	11.03
55) T	Styrene	0.996	0.887	1.131	1.146	1.140	1.060	10.85
56) S	1,1,2,2-Tetrachloro	0.494	0.524	0.565	0.568	0.552	0.541	5.77
57) T	1,1,2,2-Tetrachloro	0.569	0.490	0.567	0.563	0.555	0.549	6.06
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.660	0.587	0.673	0.714	0.662	0.659	6.97
60)	Isopropylbenzene	3.161	2.851	3.319	3.436	3.227	3.199	6.88
61)	1,2,3-Trichloroprop	0.959	0.880	0.885	0.927	0.858	0.902	4.53
62)	1,3,5-Trimethylbenz	2.468	2.221	2.752	2.972	2.790	2.641	11.22
63)	1,2,4-Trimethylbenz	2.511	2.243	2.827	3.022	2.847	2.690	11.53
64) T	1,3-Dichlorobenzene	1.663	1.418	1.585	1.662	1.571	1.580	6.34
65) T	1,4-Dichlorobenzene	1.679	1.463	1.607	1.690	1.539	1.596	6.02
66) S	1,2-Dichlorobenzene	0.910	0.952	0.993	1.030	0.934	0.964	4.95
67) T	1,2-Dichlorobenzene	1.622	1.350	1.536	1.619	1.480	1.521	7.41
68) T	1,2-Dibromo-3-chlor	0.271	0.229	0.265	0.291	0.267	0.265	8.39
69)	1,3,5-Trichlorobenz	1.103	0.934	1.022	1.135	1.045	1.048	7.43
70) T	1,2,4-trichlorobenz	0.968	0.859	0.933	1.038	1.012	0.962	7.28
71)	Naphthalene	2.634	2.412	3.169	3.500	3.298	3.003	15.32
72) T	1,2,3-Trichlorobenz	0.982	0.818	0.994	1.044	0.983	0.964	8.88

(#) = Out of Range