

Method Path : Z:\VOASRV\HPCHEM1\MSVOA V\METHOD\
 Method File : SOMVLM102920WMA.M
 Title : VOC Analysis
 Last Update : Thu Oct 29 16:00:14 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV019146.D 10 =VV019147.D 50 =VV019148.D
 100 =VV019149.D 200 =VV019150.D

	Compound	5	10	50	100	200	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.459	0.451	0.441	0.429	0.416	0.439	3.91
3) T	Chloromethane	0.453	0.416	0.381	0.371	0.373	0.399	8.83
4) S	Vinyl Chloride-d3	0.395	0.415	0.401	0.395	0.382	0.397	3.00
5) T	Vinyl chloride	0.440	0.418	0.399	0.394	0.391	0.408	5.03
6) T	Bromomethane	0.312	0.274	0.264	0.260	0.257	0.273	8.23
7) S	Chloroethane-d5	0.330	0.320	0.303	0.298	0.293	0.309	5.11
8) T	Chloroethane	0.286	0.250	0.246	0.245	0.242	0.254	7.09
9) T	Trichlorofluorometh	0.726	0.681	0.670	0.665	0.660	0.680	3.90
10) T	1,1,2-Trichloro-1,2	0.353	0.338	0.320	0.316	0.310	0.327	5.35
11) S	1,1-Dichloroethene-	0.750	0.794	0.753	0.749	0.734	0.756	2.96
12) T	1,1-Dichloroethene	0.346	0.326	0.314	0.312	0.306	0.321	4.95
13) T	Acetone	0.305	0.235	0.212	0.194	0.184	0.226	21.24
14) T	Carbon disulfide	1.134	1.002	0.991	0.983	0.985	1.019	6.33
15) T	Methyl Acetate	0.398	0.362	0.359	0.350	0.353	0.364	5.26
16) T	Methylene chloride	0.421	0.368	0.349	0.341	0.343	0.364	9.15
17) T	trans-1,2-Dichloroe	0.376	0.341	0.336	0.332	0.337	0.344	5.21
18) T	Methyl tert-butyl E	1.245	1.116	1.119	1.128	1.158	1.153	4.68
19) T	1,1-Dichloroethane	0.703	0.651	0.630	0.607	0.617	0.642	5.96
20) T	cis-1,2-Dichloroeth	0.421	0.374	0.366	0.359	0.369	0.378	6.56
21) S	2-Butanone-d5	0.219	0.239	0.256	0.251	0.252	0.243	6.20
22) T	2-Butanone	0.242	0.222	0.261	0.253	0.253	0.246	6.08
23) T	Bromochloromethane	0.223	0.208	0.194	0.192	0.196	0.203	6.45
24) S	Chloroform-d	0.702	0.766	0.747	0.742	0.738	0.739	3.14
25) T	Chloroform	0.778	0.690	0.674	0.661	0.664	0.693	7.02
26) S	1,2-Dichloroethane-	0.513	0.531	0.517	0.509	0.506	0.515	1.92
27) T	1,2-Dichloroethane	0.662	0.571	0.573	0.571	0.574	0.590	6.76
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.560	0.554	0.559	0.562	0.556	0.558	0.63
30) T	1,1,1-Trichloroetha	0.727	0.686	0.668	0.651	0.656	0.678	4.57
31) T	Carbon tetrachlorid	0.630	0.602	0.593	0.591	0.588	0.601	2.84
32) S	Benzene-d6	1.373	1.453	1.434	1.422	1.410	1.418	2.12
33) T	Benzene	1.564	1.426	1.420	1.392	1.407	1.442	4.82
34) T	Trichloroethene	0.439	0.406	0.383	0.370	0.377	0.395	7.15
35) T	Methylcyclohexane	0.530	0.520	0.546	0.540	0.529	0.533	1.93
36) S	1,2-Dichloropropane	0.429	0.426	0.422	0.418	0.419	0.423	1.05
37) T	1,2-Dichloropropane	0.361	0.377	0.351	0.348	0.353	0.358	3.29
38) T	Bromodichloromethan	0.570	0.527	0.520	0.518	0.528	0.533	4.04
39) T	cis-1,3-Dichloropro	0.587	0.547	0.598	0.602	0.623	0.591	4.70
40) T	4-Methyl-2-pentanone	0.476	0.476	0.506	0.499	0.513	0.494	3.42
41) S	Toluene-d8	1.305	1.386	1.380	1.383	1.358	1.362	2.47
42) T	Toluene	1.626	1.574	1.583	1.551	1.567	1.580	1.77
43) S	trans-1,3-Dichlorop	0.216	0.238	0.255	0.255	0.259	0.245	7.31
44) T	trans-1,3-Dichlorop	0.621	0.570	0.616	0.623	0.646	0.615	4.54
45) T	1,1,2-Trichloroetha	0.393	0.358	0.352	0.342	0.350	0.359	5.56
46) T	Tetrachloroethene	0.372	0.333	0.331	0.324	0.326	0.337	5.83
47) S	2-Hexanone-d5	0.145	0.171	0.198	0.199	0.202	0.183	13.46
48) T	2-Hexanone	0.401	0.377	0.394	0.391	0.400	0.393	2.46
49) T	Dibromochloromethan	0.460	0.422	0.423	0.425	0.443	0.435	3.75
50) T	1,2-Dibromoethane	0.410	0.374	0.382	0.369	0.381	0.383	4.16
51) T	Chlorobenzene	1.107	1.058	1.018	0.991	1.006	1.036	4.50
52) T	Ethylbenzene	1.816	1.670	1.729	1.743	1.751	1.741	3.00

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	Compound	5	10	50	100	200	Avg	%RSD

53) T	m,p-Xylene	0.676	0.629	0.664	0.658	0.661	0.658	2.66
54) T	o-xylene	0.632	0.603	0.640	0.640	0.643	0.631	2.59
55) T	Styrene	1.084	1.069	1.150	1.140	1.153	1.119	3.53
56) T	Isopropylbenzene	1.684	1.614	1.729	1.736	1.722	1.697	2.98
57) S	1,1,2,2-Tetrachloro	0.555	0.582	0.578	0.571	0.565	0.570	1.92
58) T	1,1,2,2-Tetrachloro	0.589	0.545	0.535	0.526	0.538	0.547	4.51
59) MA	1,2,3-Trichloroprop	0.520	0.469	0.455	0.445	0.451	0.468	6.45

60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.668	0.598	0.599	0.606	0.613	0.617	4.72
62) T	1,3-Dichlorobenzene	1.715	1.576	1.557	1.533	1.506	1.577	5.15
63) T	1,4-Dichlorobenzene	1.865	1.648	1.603	1.551	1.528	1.639	8.20
64) S	1,2-Dichlorobenzene	1.066	1.081	1.056	1.039	1.011	1.050	2.55
65) T	1,2-Dichlorobenzene	1.697	1.575	1.537	1.507	1.497	1.562	5.19
66) T	1,2-Dibromo-3-chlor	0.287	0.267	0.257	0.261	0.265	0.267	4.28
67) MA	1,3,5-Trichlorobenz	1.255	1.150	1.154	1.135	1.110	1.161	4.78
68) T	1,2,4-trichlorobenz	1.104	1.043	1.094	1.104	1.093	1.088	2.33
69) MA	Naphthalene	2.663	2.670	3.219	3.328	3.352	3.047	11.50
70) T	1,2,3-Trichlorobenz	1.066	1.024	1.082	1.088	1.063	1.064	2.33

(#) = Out of Range