

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM032520WMA.M
 Title : VOC Analysis
 Last Update : Wed Mar 25 19:57:42 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV015140.D 10 =VV015141.D 50 =VV015136.D
 100 =VV015137.D 200 =VV015138.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.405	0.413	0.344	0.391	0.382	0.387	6.91
3) T	Chloromethane	0.454	0.429	0.367	0.413	0.400	0.412	7.86
4) S	Vinyl Chloride-d3	0.420	0.470	0.402	0.404	0.395	0.418	7.30
5) T	Vinyl chloride	0.422	0.438	0.386	0.435	0.421	0.420	4.93
6) T	Bromomethane	0.298	0.266	0.234	0.273	0.265	0.267	8.50
7) S	Chloroethane-d5	0.406	0.414	0.361	0.363	0.350	0.379	7.70
8) T	Chloroethane	0.362	0.320	0.287	0.295	0.261	0.305	12.57
9) T	Trichlorofluorometh	0.651	0.672	0.593	0.707	0.681	0.661	6.53
10) T	1,1,2-Trichloro-1,2	0.358	0.380	0.306	0.351	0.351	0.349	7.77
11) S	1,1-Dichloroethene-	0.880	0.873	0.770	0.799	0.795	0.824	6.05
12) T	1,1-Dichloroethene	0.356	0.352	0.292	0.343	0.339	0.336	7.64
13) T	Acetone	0.113	0.162	0.133	0.161	0.151	0.144	14.41
14) T	Carbon disulfide	0.984	0.890	0.783	0.913	0.895	0.893	8.07
15) T	Methyl Acetate	0.348	0.314	0.295	0.336	0.326	0.324	6.33
16) T	Methylene chloride	0.331	0.333	0.294	0.337	0.327	0.324	5.36
17) T	trans-1,2-Dichloroe	0.316	0.300	0.268	0.304	0.300	0.298	6.02
18) T	Methyl tert-butyl E	1.049	1.006	0.896	1.046	1.000	0.999	6.21
19) T	1,1-Dichloroethane	0.559	0.553	0.487	0.565	0.549	0.543	5.89
20) T	cis-1,2-Dichloroeth	0.338	0.329	0.298	0.343	0.337	0.329	5.49
21) S	2-Butanone-d5	0.280	0.288	0.264	0.272	0.268	0.274	3.47
22) T	2-Butanone	0.235	0.252	0.207	0.244	0.235	0.235	7.27
23) T	Bromochloromethane	0.167	0.165	0.149	0.173	0.171	0.165	5.86
24) S	Chloroform-d	0.713	0.762	0.666	0.671	0.656	0.694	6.34
25) T	Chloroform	0.596	0.577	0.511	0.588	0.566	0.568	5.90
26) S	1,2-Dichloroethane-	0.492	0.494	0.428	0.424	0.412	0.450	8.81
27) T	1,2-Dichloroethane	0.459	0.457	0.387	0.457	0.438	0.440	6.99

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.544	0.545	0.465	0.548	0.530	0.526	6.68
30) T	1,1,1-Trichloroetha	0.564	0.562	0.481	0.563	0.542	0.542	6.52
31) T	Carbon tetrachlorid	0.496	0.476	0.415	0.485	0.470	0.468	6.74
32) S	Benzene-d6	1.556	1.561	1.370	1.379	1.342	1.442	7.48
33) T	Benzene	1.314	1.327	1.158	1.338	1.296	1.287	5.71
34) T	Trichloroethene	0.364	0.348	0.296	0.353	0.343	0.341	7.79
35) T	Methylcyclohexane	0.613	0.612	0.497	0.572	0.570	0.573	8.23
36) S	1,2-Dichloropropane	0.513	0.484	0.430	0.438	0.423	0.458	8.51
37) T	1,2-Dichloropropane	0.336	0.322	0.293	0.341	0.333	0.325	5.91
38) T	Bromodichloromethan	0.492	0.465	0.416	0.485	0.467	0.465	6.41
39) T	cis-1,3-Dichloropro	0.572	0.560	0.492	0.599	0.580	0.560	7.27
40) T	4-Methyl-2-pentanone	0.517	0.500	0.438	0.511	0.495	0.492	6.40
41) S	Toluene-d8	1.441	1.486	1.334	1.337	1.292	1.378	5.93
42) T	Toluene	1.494	1.439	1.290	1.493	1.435	1.430	5.83
43) S	trans-1,3-Dichlorop	0.258	0.275	0.236	0.244	0.240	0.251	6.34
44) T	trans-1,3-Dichlorop	0.533	0.554	0.494	0.576	0.561	0.544	5.86
45) T	1,1,2-Trichloroetha	0.323	0.328	0.289	0.335	0.324	0.320	5.54
46) T	Tetrachloroethene	0.258	0.234	0.215	0.259	0.251	0.243	7.69
47) S	2-Hexanone-d5	0.250	0.242	0.218	0.219	0.217	0.229	6.89
48) T	2-Hexanone	0.362	0.372	0.346	0.403	0.393	0.375	6.08
49) T	Dibromochloromethan	0.366	0.360	0.329	0.389	0.379	0.364	6.36
50) T	1,2-Dibromoethane	0.361	0.358	0.314	0.371	0.355	0.352	6.24
51) T	Chlorobenzene	0.975	0.948	0.828	0.960	0.927	0.928	6.27
52) T	Ethylbenzene	1.631	1.632	1.433	1.699	1.625	1.604	6.25

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.671	0.641	0.549	0.657	0.635	0.631	7.55
54) T	o-xylene	0.635	0.622	0.556	0.645	0.622	0.616	5.67
55) T	Styrene	1.036	1.067	0.946	1.120	1.083	1.050	6.25
56) T	Isopropylbenzene	1.626	1.649	1.430	1.693	1.622	1.604	6.32
57) S	1,1,2,2-Tetrachloro	0.757	0.722	0.630	0.636	0.624	0.674	9.10
58) T	1,1,2,2-Tetrachloro	0.574	0.540	0.474	0.560	0.545	0.539	7.13
59)	1,2,3-Trichloroprop	0.460	0.440	0.381	0.452	0.431	0.433	7.19
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.533	0.501	0.467	0.553	0.548	0.520	6.91
62) T	1,3-Dichlorobenzene	1.550	1.466	1.284	1.542	1.480	1.464	7.32
63) T	1,4-Dichlorobenzene	1.565	1.562	1.306	1.542	1.485	1.492	7.30
64) S	1,2-Dichlorobenzene	1.270	1.204	1.035	1.058	1.025	1.118	9.95
65) T	1,2-Dichlorobenzene	1.569	1.488	1.319	1.531	1.480	1.478	6.46
66) T	1,2-Dibromo-3-chlor	0.385	0.328	0.268	0.317	0.306	0.321	13.17
67)	1,3,5-Trichlorobenz	1.056	0.950	0.859	1.050	1.020	0.987	8.39
68) T	1,2,4-trichlorobenz	0.951	0.899	0.810	1.000	0.986	0.929	8.33
69)	Naphthalene	3.859	3.393	3.147	3.770	3.604	3.555	8.13
70) T	1,2,3-Trichlorobenz	0.919	0.907	0.819	0.997	0.975	0.923	7.54

(#) = Out of Range