

Method Path : Z:\VOASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOMVLM070820WMA.M
 Title : VOC Analysis
 Last Update : Thu Jul 09 01:37:02 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV017386.D 10 =VV017387.D 50 =VV017388.D
 100 =VV017389.D 200 =VV017390.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.571	0.563	0.531	0.498	0.521	0.537	5.59
3) T	Chloromethane	0.403	0.411	0.365	0.351	0.359	0.378	7.22
4) S	Vinyl Chloride-d3	0.260	0.248	0.267	0.264	0.263	0.260	2.90
5) T	Vinyl chloride	0.387	0.409	0.375	0.361	0.378	0.382	4.66
6) T	Bromomethane	0.209	0.198	0.178	0.187	0.198	0.194	6.11
7) S	Chloroethane-d5	0.201	0.175	0.183	0.179	0.177	0.183	5.69
8) T	Chloroethane	0.216	0.215	0.191	0.180	0.189	0.198	8.16
9) T	Trichlorofluorometh	0.734	0.757	0.709	0.672	0.705	0.715	4.50
10) T	1,1,2-Trichloro-1,2	0.342	0.350	0.331	0.311	0.327	0.332	4.55
11) S	1,1-Dichloroethene-	0.572	0.566	0.610	0.589	0.610	0.589	3.50
12) T	1,1-Dichloroethene	0.320	0.305	0.294	0.283	0.299	0.300	4.54
13) T	Acetone	0.283	0.257	0.233	0.203	0.235	0.242	12.38
14) T	Carbon disulfide	0.933	0.934	0.905	0.875	0.923	0.914	2.73
15) T	Methyl Acetate	0.325	0.321	0.322	0.315	0.323	0.321	1.15
16) T	Methylene chloride	0.373	0.380	0.337	0.325	0.333	0.350	7.23
17) T	trans-1,2-Dichloroe	0.348	0.323	0.326	0.311	0.325	0.327	4.03
18) T	Methyl tert-butyl E	1.071	1.125	1.086	1.051	1.115	1.090	2.83
19) T	1,1-Dichloroethane	0.618	0.645	0.592	0.561	0.587	0.601	5.34
20) T	cis-1,2-Dichloroeth	0.348	0.354	0.351	0.340	0.356	0.350	1.75
21) S	2-Butanone-d5	0.155	0.162	0.187	0.192	0.193	0.178	9.90
22) T	2-Butanone	0.219	0.220	0.252	0.233	0.259	0.237	7.79
23) T	Bromochloromethane	0.197	0.201	0.194	0.185	0.196	0.195	3.08
24) S	Chloroform-d	0.606	0.562	0.617	0.607	0.618	0.602	3.82
25) T	Chloroform	0.680	0.709	0.674	0.638	0.668	0.674	3.74
26) S	1,2-Dichloroethane-	0.390	0.379	0.434	0.428	0.435	0.413	6.46
27) T	1,2-Dichloroethane	0.600	0.615	0.594	0.563	0.591	0.592	3.22

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.510	0.539	0.525	0.496	0.538	0.521	3.55
30) T	1,1,1-Trichloroetha	0.684	0.728	0.688	0.648	0.689	0.688	4.11
31) T	Carbon tetrachlorid	0.636	0.653	0.629	0.594	0.634	0.629	3.44
32) S	Benzene-d6	1.035	1.022	1.137	1.089	1.118	1.080	4.67
33) T	Benzene	1.310	1.387	1.330	1.248	1.333	1.322	3.80
34) T	Trichloroethene	0.441	0.409	0.381	0.355	0.376	0.392	8.47
35) T	Methylcyclohexane	0.579	0.565	0.581	0.549	0.599	0.575	3.24
36) S	1,2-Dichloropropane	0.301	0.303	0.322	0.309	0.319	0.311	3.03
37) T	1,2-Dichloropropane	0.320	0.349	0.324	0.300	0.324	0.323	5.39
38) T	Bromodichloromethan	0.527	0.549	0.522	0.503	0.532	0.526	3.18
39) T	cis-1,3-Dichloropro	0.519	0.527	0.568	0.535	0.605	0.551	6.43
40) T	4-Methyl-2-pentanone	0.423	0.452	0.454	0.443	0.463	0.447	3.42
41) S	Toluene-d8	0.961	0.956	1.105	1.073	1.097	1.038	7.12
42) T	Toluene	1.474	1.501	1.497	1.415	1.499	1.477	2.48
43) S	trans-1,3-Dichlorop	0.160	0.157	0.192	0.191	0.205	0.181	11.73
44) T	trans-1,3-Dichlorop	0.516	0.553	0.589	0.567	0.624	0.570	7.08
45) T	1,1,2-Trichloroetha	0.381	0.364	0.342	0.325	0.342	0.351	6.20
46) T	Tetrachloroethene	0.347	0.338	0.321	0.310	0.331	0.329	4.42
47) S	2-Hexanone-d5	0.099	0.102	0.138	0.146	0.153	0.128	20.09
48) T	2-Hexanone	0.334	0.366	0.373	0.351	0.385	0.362	5.45
49) T	Dibromochloromethan	0.432	0.443	0.437	0.421	0.454	0.438	2.85
50) T	1,2-Dibromoethane	0.364	0.398	0.374	0.359	0.382	0.375	4.15
51) T	Chlorobenzene	1.045	1.050	0.983	0.933	0.994	1.001	4.81
52) T	Ethylbenzene	1.648	1.701	1.705	1.646	1.749	1.690	2.58

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.565	0.656	0.652	0.623	0.667	0.633	6.50
54) T	o-xylene	0.561	0.610	0.628	0.602	0.638	0.608	4.89
55) T	Styrene	0.959	1.045	1.093	1.053	1.128	1.055	6.01
56) T	Isopropylbenzene	1.576	1.662	1.733	1.687	1.795	1.690	4.83
57) S	1,1,2,2-Tetrachloro	0.432	0.415	0.453	0.437	0.447	0.437	3.32
58) T	1,1,2,2-Tetrachloro	0.508	0.544	0.512	0.494	0.518	0.515	3.58
59)	1,2,3-Trichloroprop	0.466	0.471	0.438	0.420	0.445	0.448	4.70
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.591	0.608	0.604	0.593	0.610	0.601	1.44
62) T	1,3-Dichlorobenzene	1.599	1.630	1.563	1.498	1.512	1.560	3.60
63) T	1,4-Dichlorobenzene	1.700	1.655	1.547	1.490	1.526	1.583	5.65
64) S	1,2-Dichlorobenzene	0.829	0.803	0.875	0.851	0.822	0.836	3.32
65) T	1,2-Dichlorobenzene	1.611	1.649	1.544	1.488	1.484	1.555	4.73
66) T	1,2-Dibromo-3-chlor	0.220	0.265	0.262	0.255	0.264	0.253	7.57
67)	1,3,5-Trichlorobenz	1.113	1.228	1.190	1.157	1.189	1.175	3.67
68) T	1,2,4-trichlorobenz	0.936	0.982	1.061	1.069	1.104	1.031	6.72
69)	Naphthalene	2.196	2.596	3.142	3.192	3.264	2.878	16.12
70) T	1,2,3-Trichlorobenz	0.931	1.027	1.105	1.074	1.103	1.048	6.93

(#) = Out of Range