

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOMVLM031620WMA.M
 Title : VOC Analysis
 Last Update : Mon Mar 16 17:56:09 2020
 Response Via : Initial Calibration

Calibration Files

5 =VV014934.D 10 =VV014935.D 50 =VV014936.D
 100 =VV014937.D 200 =VV014938.D

	Compound	5	10	50	100	200	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.536	0.445	0.467	0.457	0.431	0.467	8.74
3) T	Chloromethane	0.384	0.331	0.335	0.328	0.304	0.336	8.78
4) S	Vinyl Chloride-d3	0.337	0.321	0.344	0.341	0.323	0.333	3.17
5) T	Vinyl chloride	0.369	0.299	0.333	0.324	0.305	0.326	8.54
6) T	Bromomethane	0.223	0.202	0.210	0.209	0.200	0.209	4.33
7) S	Chloroethane-d5	0.256	0.240	0.252	0.254	0.235	0.247	3.73
8) T	Chloroethane	0.201	0.175	0.176	0.174	0.161	0.177	8.28
9) T	Trichlorofluorometh	0.568	0.486	0.531	0.509	0.485	0.516	6.77
10) T	1,1,2-Trichloro-1,2	0.298	0.251	0.260	0.243	0.236	0.258	9.37
11) S	1,1-Dichloroethene-	0.543	0.486	0.522	0.521	0.483	0.511	5.04
12) T	1,1-Dichloroethene	0.261	0.220	0.240	0.234	0.221	0.235	7.18
13) T	Acetone	0.158	0.134	0.148	0.158	0.117	0.143	12.26
14) T	Carbon disulfide	0.813	0.715	0.781	0.781	0.765	0.771	4.64
15) T	Methyl Acetate	0.231	0.238	0.269	0.269	0.290	0.259	9.44
16) T	Methylene chloride	0.386	0.346	0.366	0.350	0.331	0.356	5.89
17) T	trans-1,2-Dichloroe	0.362	0.307	0.341	0.326	0.313	0.330	6.74
18) T	Methyl tert-butyl E	1.115	0.968	1.088	1.067	1.031	1.054	5.39
19) T	1,1-Dichloroethane	0.640	0.563	0.609	0.592	0.562	0.593	5.58
20) T	cis-1,2-Dichloroeth	0.406	0.345	0.388	0.378	0.361	0.376	6.25
21) S	2-Butanone-d5	0.189	0.163	0.202	0.221	0.240	0.203	14.60
22) T	2-Butanone	0.165	0.179	0.210	0.234	0.219	0.202	14.18
23) T	Bromochloromethane	0.218	0.188	0.204	0.194	0.191	0.199	6.02
24) S	Chloroform-d	0.701	0.661	0.709	0.719	0.680	0.694	3.35
25) T	Chloroform	0.707	0.637	0.672	0.647	0.611	0.655	5.59
26) S	1,2-Dichloroethane-	0.443	0.430	0.448	0.449	0.429	0.440	2.23
27) T	1,2-Dichloroethane	0.521	0.479	0.514	0.485	0.468	0.493	4.65

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.577	0.470	0.525	0.517	0.494	0.516	7.74
30) T	1,1,1-Trichloroetha	0.663	0.567	0.604	0.584	0.555	0.595	7.12
31) T	Carbon tetrachlorid	0.571	0.501	0.546	0.529	0.503	0.530	5.59
32) S	Benzene-d6	1.434	1.311	1.401	1.411	1.331	1.377	3.89
33) T	Benzene	1.529	1.271	1.400	1.335	1.267	1.361	8.00
34) T	Trichloroethene	0.415	0.345	0.366	0.357	0.343	0.365	8.06
35) T	Methylcyclohexane	0.657	0.543	0.602	0.583	0.561	0.589	7.44
36) S	1,2-Dichloropropane	0.445	0.381	0.414	0.415	0.396	0.410	5.82
37) T	1,2-Dichloropropane	0.383	0.332	0.336	0.335	0.318	0.341	7.28
38) T	Bromodichloromethan	0.508	0.455	0.495	0.487	0.471	0.483	4.27
39) T	cis-1,3-Dichloropro	0.533	0.508	0.594	0.586	0.581	0.560	6.74
40) T	4-Methyl-2-pentanone	0.456	0.437	0.478	0.473	0.450	0.459	3.65
41) S	Toluene-d8	1.392	1.278	1.399	1.417	1.325	1.362	4.29
42) T	Toluene	1.668	1.427	1.578	1.529	1.452	1.531	6.37
43) S	trans-1,3-Dichlorop	0.213	0.179	0.232	0.237	0.229	0.218	10.83
44) T	trans-1,3-Dichlorop	0.482	0.428	0.519	0.535	0.529	0.499	8.92
45) T	1,1,2-Trichloroetha	0.386	0.338	0.361	0.352	0.339	0.355	5.56
46) T	Tetrachloroethene	0.380	0.326	0.346	0.333	0.321	0.341	6.98
47) S	2-Hexanone-d5	0.163	0.159	0.194	0.206	0.203	0.185	12.21
48) T	2-Hexanone	0.353	0.342	0.389	0.378	0.360	0.364	5.22
49) T	Dibromochloromethan	0.410	0.353	0.407	0.415	0.412	0.399	6.58
50) T	1,2-Dibromoethane	0.420	0.366	0.394	0.389	0.377	0.389	5.21
51) T	Chlorobenzene	1.154	1.006	1.068	1.041	1.001	1.054	5.90
52) T	Ethylbenzene	1.848	1.595	1.809	1.770	1.702	1.745	5.70

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	Compound	5	10	50	100	200	Avg	%RSD
53) T	m,p-Xylene	0.695	0.630	0.698	0.694	0.669	0.677	4.26
54) T	o-xylene	0.691	0.630	0.691	0.686	0.658	0.671	3.98
55) T	Styrene	1.107	0.991	1.196	1.178	1.131	1.121	7.20
56) T	Isopropylbenzene	1.825	1.610	1.847	1.821	1.748	1.770	5.49
57) S	1,1,2,2-Tetrachloro	0.602	0.580	0.607	0.620	0.593	0.601	2.49
58) T	1,1,2,2-Tetrachloro	0.629	0.561	0.598	0.584	0.565	0.587	4.69
59)	1,2,3-Trichloroprop	0.498	0.453	0.476	0.463	0.447	0.467	4.36
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.534	0.463	0.554	0.571	0.562	0.536	8.12
62) T	1,3-Dichlorobenzene	1.791	1.581	1.665	1.625	1.576	1.648	5.35
63) T	1,4-Dichlorobenzene	1.807	1.616	1.651	1.654	1.571	1.660	5.36
64) S	1,2-Dichlorobenzene	1.157	1.043	1.096	1.118	1.062	1.095	4.11
65) T	1,2-Dichlorobenzene	1.824	1.566	1.667	1.625	1.548	1.646	6.72
66) T	1,2-Dibromo-3-chlor	0.223	0.255	0.250	0.257	0.251	0.247	5.52
67)	1,3,5-Trichlorobenz	1.305	1.210	1.323	1.333	1.288	1.292	3.78
68) T	1,2,4-trichlorobenz	1.151	1.021	1.167	1.219	1.199	1.151	6.73
69)	Naphthalene	1.158	1.249	1.582	1.699	1.707	1.479	17.47
70) T	1,2,3-Trichlorobenz	1.085	1.008	1.205	1.216	1.185	1.140	7.92

(#) = Out of Range