

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM080319S.M
 Title : VOC Analysis
 Last Update : Mon Aug 05 08:21:28 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV012099.D 5 =VV012100.D 25 =VV012101.D
 50 =VV012102.D 100 =VV012103.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.457	0.468	0.428	0.362	0.362	0.415	12.30
3) T	Chloromethane	0.290	0.270	0.245	0.215	0.217	0.247	13.31
4) S	Vinyl Chloride-d3	0.201	0.212	0.227	0.200	0.202	0.209	5.50
5) T	Vinyl chloride	0.255	0.260	0.253	0.219	0.222	0.242	8.08
6) T	Bromomethane	0.152	0.167	0.160	0.142	0.148	0.154	6.47
7) S	Chloroethane-d5	0.144	0.176	0.171	0.155	0.154	0.160	8.31
8) T	Chloroethane	0.144	0.153	0.144	0.125	0.126	0.138	9.03
9) T	Trichlorofluorometh	0.487	0.508	0.480	0.418	0.414	0.461	9.30
10) S	1,1-Dichloroethene-	0.412	0.454	0.452	0.402	0.407	0.426	5.96
11) T	1,1,2-Trichloro-1,2	0.236	0.243	0.233	0.203	0.203	0.223	8.52
12) T	1,1-Dichloroethene	0.202	0.219	0.205	0.187	0.188	0.200	6.58
13) T	Acetone	0.143	0.176	0.167	0.127	0.114	0.146	18.04
14) T	Carbon disulfide	0.877	0.898	0.877	0.784	0.773	0.842	6.95
15) T	Methyl Acetate	0.187	0.181	0.184	0.144	0.155	0.170	11.49
16) T	Methylene chloride	0.342	0.348	0.324	0.279	0.278	0.314	10.80
17) T	Methyl tert-butyl E	0.750	0.882	0.883	0.785	0.799	0.820	7.32
18) T	trans-1,2-Dichloroe	0.306	0.332	0.330	0.293	0.289	0.310	6.49
19) T	1,1-Dichloroethane	0.493	0.542	0.533	0.480	0.475	0.505	6.16
20) S	2-Butanone-d5	0.116	0.134	0.133	0.100	0.107	0.118	13.03
21)	2-Butanone	0.124	0.154	0.166	0.137	0.147	0.146	11.16
22) T	cis-1,2-Dichloroeth	0.327	0.362	0.357	0.324	0.321	0.338	5.74
23) T	Bromochloromethane	0.151	0.177	0.181	0.162	0.163	0.167	7.16
24) S	Chloroform-d	0.559	0.649	0.634	0.590	0.585	0.603	6.16
25) T	Chloroform	0.598	0.625	0.613	0.555	0.549	0.588	5.81
26) S	1,2-Dichloroethane-	0.330	0.405	0.389	0.352	0.352	0.365	8.40
27) T	1,2-Dichloroethane	0.398	0.462	0.470	0.413	0.418	0.432	7.34

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.119	1.319	1.256	1.185	1.163	1.208	6.53
30) T	Cyclohexane	0.482	0.518	0.497	0.448	0.443	0.478	6.69
31) T	1,1,1-Trichloroetha	0.599	0.643	0.629	0.566	0.559	0.599	6.18
32) T	Carbon tetrachlorid	0.618	0.605	0.592	0.530	0.533	0.576	7.16
33) S	1,2-Dichloropropane	0.301	0.360	0.352	0.330	0.323	0.333	7.11
34) T	Benzene	1.248	1.364	1.312	1.188	1.166	1.255	6.62
35) T	Trichloroethene	0.365	0.372	0.384	0.343	0.342	0.361	5.10
36) T	Methylcyclohexane	0.588	0.645	0.610	0.540	0.545	0.586	7.57
37) S	Toluene-d8	1.081	1.343	1.256	1.172	1.153	1.201	8.41
38) S	trans-1,3-Dichlorop	0.162	0.208	0.212	0.193	0.196	0.194	10.02
39) S	2-Hexanone-d5	0.072	0.103	0.111	0.086	0.093	0.093	16.05
40) T	1,2-Dichloropropane	0.286	0.311	0.299	0.281	0.277	0.291	4.89
41) T	Bromodichloromethan	0.443	0.484	0.486	0.454	0.452	0.464	4.29
42) T	cis-1,3-Dichloropro	0.492	0.568	0.571	0.523	0.529	0.536	6.16
43) T	4-Methyl-2-pentanon	0.229	0.291	0.294	0.226	0.242	0.256	13.03
44) T	Toluene	1.430	1.488	1.511	1.359	1.340	1.426	5.32
45) T	trans-1,3-Dichlorop	0.429	0.487	0.492	0.466	0.469	0.469	5.27
46) T	1,1,2-Trichloroetha	0.267	0.283	0.298	0.259	0.265	0.274	5.80
47) T	Tetrachloroethene	0.360	0.380	0.352	0.326	0.325	0.349	6.70
48) S	1,1,2,2-Tetrachloro	0.323	0.423	0.396	0.339	0.349	0.366	11.43
49) T	2-Hexanone	0.168	0.219	0.247	0.198	0.202	0.207	14.06
50) T	Dibromochloromethan	0.367	0.401	0.406	0.367	0.380	0.384	4.77
51) T	1,2-Dibromoethane	0.272	0.327	0.320	0.285	0.287	0.298	7.98
52) T	Chlorobenzene	0.959	1.033	1.006	0.920	0.913	0.966	5.44

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.588	1.747	1.720	1.571	1.542	1.634	5.68
54) T	m,p-Xylene	0.604	0.692	0.676	0.605	0.598	0.635	7.12
55) T	o-xylene	0.582	0.634	0.647	0.581	0.577	0.604	5.55
56) T	Styrene	0.967	1.094	1.116	1.012	1.002	1.038	6.13
57) T	Isopropylbenzene	1.602	1.741	1.774	1.592	1.576	1.657	5.62
58) T	1,1,2,2-Tetrachloro	0.340	0.395	0.391	0.327	0.343	0.359	8.78
59)	1,2,3-Trichloroprop	0.259	0.314	0.314	0.257	0.264	0.282	10.58
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.836	1.014	0.949	0.889	0.878	0.913	7.59
62) T	Bromoform	0.423	0.503	0.529	0.473	0.477	0.481	8.21
63) T	1,3-Dichlorobenzene	1.508	1.606	1.616	1.452	1.452	1.527	5.28
64) T	1,4-Dichlorobenzene	1.608	1.626	1.613	1.463	1.465	1.555	5.36
65) T	1,2-Dichlorobenzene	1.362	1.507	1.506	1.363	1.363	1.420	5.55
66) T	1,2-Dibromo-3-chlor	0.152	0.165	0.178	0.137	0.146	0.155	10.35
67)	1,3,5-Trichlorobenz	1.259	1.384	1.351	1.243	1.251	1.298	5.02
68) T	1,2,4-trichlorobenz	0.946	1.133	1.188	1.093	1.120	1.096	8.27
69)	Naphthalene	1.512	2.056	2.372	2.136	2.235	2.062	15.96
70) T	1,2,3-Trichlorobenz	0.888	1.052	1.114	1.028	1.028	1.022	8.10

(#) = Out of Range