

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOM2VLM052819S.M
 Title : VOC Analysis
 Last Update : Thu May 30 04:49:33 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV011057.D 5 =VV011058.D 25 =VV011115.D
 50 =VV011060.D 100 =VV011061.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.392	0.409	0.415	0.421	0.402	0.408	2.82
3) T	Chloromethane	0.369	0.397	0.405	0.431	0.410	0.402	5.59
4) S	Vinyl Chloride-d3	0.378	0.369	0.333	0.318	0.316	0.343	8.40
5) T	Vinyl chloride	0.351	0.374	0.381	0.380	0.370	0.371	3.28
6) T	Bromomethane	0.167	0.140	0.161	0.169	0.162	0.160	7.18
7) S	Chloroethane-d5	0.265	0.264	0.233	0.231	0.229	0.245	7.47
8) T	Chloroethane	0.185	0.212	0.200	0.208	0.202	0.201	5.03
9) T	Trichlorofluorometh	0.472	0.507	0.508	0.511	0.487	0.497	3.37
10) S	1,1-Dichloroethene-	0.674	0.664	0.630	0.621	0.598	0.638	4.89
11) T	1,1,2-Trichloro-1,2	0.276	0.289	0.259	0.261	0.249	0.267	5.99
12) T	1,1-Dichloroethene	0.259	0.261	0.246	0.249	0.241	0.251	3.35
13) T	Acetone	0.119	0.124	0.146	0.141	0.139	0.134	8.87
14) T	Carbon disulfide	0.845	0.855	0.837	0.846	0.815	0.840	1.78
15) T	Methyl Acetate	0.201	0.206	0.195	0.183	0.181	0.193	5.87
16) T	Methylene chloride	0.384	0.371	0.354	0.365	0.354	0.365	3.44
17) T	Methyl tert-butyl E	0.857	0.957	0.937	0.984	0.967	0.940	5.28
18) T	trans-1,2-Dichloroe	0.341	0.352	0.338	0.350	0.336	0.343	2.05
19) T	1,1-Dichloroethane	0.658	0.676	0.655	0.685	0.662	0.667	1.93
20) S	2-Butanone-d5	0.088	0.101	0.135	0.128	0.140	0.118	19.09
21)	2-Butanone	0.101	0.146	0.190	0.191	0.196	0.165	24.82
22) T	cis-1,2-Dichloroeth	0.378	0.394	0.379	0.398	0.385	0.387	2.29
23) T	Bromochloromethane	0.161	0.162	0.162	0.169	0.165	0.164	1.90
24) S	Chloroform-d	0.636	0.479	0.639	0.615	0.663	0.606	12.06
25) T	Chloroform	0.682	0.822	0.650	0.721	0.650	0.705	10.15
26) S	1,2-Dichloroethane-	0.355	0.386	0.392	0.399	0.406	0.388	5.03
27) T	1,2-Dichloroethane	0.401	0.457	0.466	0.492	0.480	0.459	7.67

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.516	1.539	1.416	1.435	1.412	1.464	4.08
30) T	Cyclohexane	0.767	0.788	0.691	0.699	0.676	0.724	6.91
31) T	1,1,1-Trichloroetha	0.578	0.594	0.547	0.571	0.555	0.569	3.29
32) T	Carbon tetrachlorid	0.512	0.504	0.464	0.483	0.475	0.488	4.12
33) S	1,2-Dichloropropane	0.452	0.474	0.457	0.474	0.472	0.466	2.24
34) T	Benzene	1.546	1.565	1.454	1.512	1.482	1.512	2.99
35) T	Trichloroethene	0.405	0.422	0.370	0.392	0.386	0.395	4.92
36) T	Methylcyclohexane	0.737	0.726	0.631	0.658	0.655	0.681	6.86
37) S	Toluene-d8	1.390	1.360	1.326	1.334	1.337	1.349	1.93
38) S	trans-1,3-Dichlorop	0.200	0.212	0.216	0.226	0.231	0.217	5.74
39) S	2-Hexanone-d5	0.088	0.107	0.100	0.104	0.107	0.101	7.70
40) T	1,2-Dichloropropane	0.394	0.408	0.392	0.408	0.412	0.403	2.20
41) T	Bromodichloromethan	0.481	0.505	0.504	0.535	0.529	0.511	4.27
42) T	cis-1,3-Dichloropro	0.622	0.633	0.630	0.680	0.654	0.644	3.61
43) T	4-Methyl-2-pentan	0.332	0.373	0.346	0.352	0.363	0.353	4.50
44) T	Toluene	1.662	1.702	1.603	1.645	1.606	1.644	2.50
45) T	trans-1,3-Dichlorop	0.504	0.541	0.539	0.582	0.581	0.549	5.94
46) T	1,1,2-Trichloroetha	0.283	0.307	0.290	0.307	0.305	0.299	3.71
47) T	Tetrachloroethene	0.297	0.295	0.277	0.280	0.275	0.285	3.61
48) S	1,1,2,2-Tetrachloro	0.351	0.403	0.412	0.405	0.432	0.400	7.50
49) T	2-Hexanone	0.188	0.248	0.271	0.289	0.306	0.261	17.56
50) T	Dibromochloromethan	0.313	0.335	0.344	0.367	0.371	0.346	6.87
51) T	1,2-Dibromoethane	0.257	0.287	0.286	0.296	0.303	0.286	6.16
52) T	Chlorobenzene	1.001	1.031	1.004	1.034	1.023	1.019	1.50

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.882	1.959	1.834	1.866	1.828	1.874	2.79
54) T	m,p-Xylene	0.704	0.722	0.677	0.695	0.692	0.698	2.37
55) T	o-xylene	0.670	0.687	0.671	0.686	0.677	0.678	1.18
56) T	Styrene	1.083	1.167	1.140	1.189	1.171	1.150	3.57
57) T	Isopropylbenzene	1.832	1.881	1.774	1.797	1.767	1.810	2.59
58) T	1,1,2,2-Tetrachloro	0.347	0.405	0.394	0.399	0.423	0.393	7.22
59)	1,2,3-Trichloroprop	0.266	0.307	0.304	0.308	0.319	0.301	6.79
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.035	0.995	0.976	0.958	0.980	0.989	2.92
62) T	Bromoform	0.397	0.418	0.407	0.431	0.449	0.421	4.87
63) T	1,3-Dichlorobenzene	1.657	1.704	1.604	1.626	1.633	1.645	2.33
64) T	1,4-Dichlorobenzene	1.648	1.686	1.598	1.623	1.629	1.637	1.99
65) T	1,2-Dichlorobenzene	1.543	1.591	1.498	1.527	1.525	1.537	2.24
66) T	1,2-Dibromo-3-chlor	0.146	0.163	0.153	0.156	0.166	0.157	4.96
67)	1,3,5-Trichlorobenz	1.192	1.242	1.178	1.219	1.218	1.210	2.08
68) T	1,2,4-trichlorobenz	0.823	0.948	0.959	1.029	1.051	0.962	9.27
69)	Naphthalene	1.407	1.766	2.095	2.271	2.387	1.985	20.11
70) T	1,2,3-Trichlorobenz	0.742	0.846	0.891	0.949	0.975	0.881	10.45

(#) = Out of Range