

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOM2VLM040119S.M
 Title : VOC Analysis
 Last Update : Mon Apr 01 21:03:00 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV010053.D 5 =VV010048.D 25 =VV010049.D
 50 =VV010050.D 100 =VV010051.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.428	0.434	0.370	0.360	0.333	0.385	11.48
3) T	Chloromethane	0.375	0.380	0.326	0.308	0.293	0.336	11.69
4) S	Vinyl Chloride-d3	0.372	0.364	0.327	0.332	0.322	0.343	6.72
5) T	Vinyl chloride	0.388	0.407	0.357	0.355	0.332	0.368	8.11
6) T	Bromomethane	0.372	0.369	0.309	0.324	0.267	0.328	13.41
7) S	Chloroethane-d5	0.331	0.331	0.275	0.291	0.283	0.302	8.88
8) T	Chloroethane	0.238	0.274	0.249	0.239	0.218	0.244	8.33
9) T	Trichlorofluorometh	0.746	0.865	0.761	0.725	0.689	0.757	8.72
10) S	1,1-Dichloroethene-	0.918	0.917	0.809	0.832	0.831	0.861	6.05
11) T	1,1,2-Trichloro-1,2	0.438	0.458	0.430	0.421	0.397	0.429	5.21
12) T	1,1-Dichloroethene	0.386	0.403	0.363	0.355	0.341	0.370	6.65
13) T	Acetone	0.149	0.090	0.101	0.121	0.091	0.110	22.46
14) T	Carbon disulfide	0.713	0.794	0.745	0.738	0.722	0.742	4.27
15) T	Methyl Acetate	0.180	0.163	0.151	0.154	0.151	0.160	7.80
16) T	Methylene chloride	0.637	0.553	0.359	0.325	0.310	0.437	34.01
17) T	Methyl tert-butyl E	0.738	0.746	0.780	0.763	0.783	0.762	2.64
18) T	trans-1,2-Dichloroe	0.295	0.345	0.308	0.300	0.290	0.307	7.07
19) T	1,1-Dichloroethane	0.547	0.556	0.561	0.528	0.513	0.541	3.75
20) S	2-Butanone-d5	0.091	0.088	0.083	0.098	0.106	0.093	9.49
21)	2-Butanone	0.099	0.088	0.112	0.114	0.111	0.105	10.40
22) T	cis-1,2-Dichloroeth	0.342	0.338	0.355	0.350	0.338	0.345	2.18
23) T	Bromochloromethane	0.172	0.167	0.173	0.170	0.170	0.170	1.27
24) S	Chloroform-d	0.672	0.495	0.572	0.623	0.646	0.602	11.66
25) T	Chloroform	0.565	0.748	0.662	0.617	0.576	0.634	11.76
26) S	1,2-Dichloroethane-	0.392	0.368	0.349	0.364	0.369	0.368	4.22
27) T	1,2-Dichloroethane	0.397	0.396	0.420	0.401	0.398	0.402	2.50

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.333	1.322	1.213	1.293	1.283	1.289	3.64
30) T	Cyclohexane	0.450	0.462	0.468	0.466	0.438	0.457	2.79
31) T	1,1,1-Trichloroetha	0.484	0.529	0.528	0.520	0.492	0.511	4.11
32) T	Carbon tetrachlorid	0.402	0.487	0.480	0.495	0.462	0.465	8.02
33) S	1,2-Dichloropropane	0.358	0.377	0.350	0.375	0.378	0.368	3.52
34) T	Benzene	1.246	1.304	1.265	1.263	1.181	1.252	3.60
35) T	Trichloroethene	0.378	0.372	0.360	0.349	0.331	0.358	5.22
36) T	Methylcyclohexane	0.498	0.596	0.570	0.564	0.526	0.551	7.06
37) S	Toluene-d8	1.275	1.198	1.224	1.300	1.307	1.261	3.81
38) S	trans-1,3-Dichlorop	0.145	0.135	0.152	0.171	0.188	0.158	13.45
39) S	2-Hexanone-d5	0.065	0.062	0.066	0.082	0.089	0.073	16.19
40) T	1,2-Dichloropropane	0.283	0.323	0.308	0.313	0.304	0.306	4.89
41) T	Bromodichloromethan	0.369	0.383	0.432	0.429	0.429	0.408	7.36
42) T	cis-1,3-Dichloropro	0.390	0.414	0.503	0.516	0.520	0.469	13.14
43) T	4-Methyl-2-pentan	0.246	0.215	0.230	0.243	0.237	0.234	5.33
44) T	Toluene	1.312	1.458	1.490	1.454	1.381	1.419	5.09
45) T	trans-1,3-Dichlorop	0.328	0.338	0.407	0.429	0.446	0.390	13.75
46) T	1,1,2-Trichloroetha	0.270	0.274	0.285	0.284	0.275	0.277	2.43
47) T	Tetrachloroethene	0.298	0.309	0.311	0.312	0.289	0.304	3.37
48) S	1,1,2,2-Tetrachloro	0.397	0.337	0.360	0.396	0.407	0.379	7.84
49) T	2-Hexanone	0.134	0.127	0.165	0.178	0.173	0.155	15.19
50) T	Dibromochloromethan	0.263	0.294	0.336	0.351	0.361	0.321	12.88
51) T	1,2-Dibromoethane	0.260	0.268	0.285	0.294	0.284	0.278	5.03
52) T	Chlorobenzene	0.960	0.962	1.017	0.988	0.957	0.977	2.62

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.388	1.548	1.669	1.651	1.584	1.568	7.12
54) T	m,p-Xylene	0.567	0.610	0.671	0.662	0.633	0.629	6.70
55) T	o-xylene	0.494	0.570	0.638	0.648	0.623	0.595	10.68
56) T	Styrene	0.797	0.915	1.089	1.098	1.077	0.995	13.48
57) T	Isopropylbenzene	1.330	1.526	1.708	1.705	1.651	1.584	10.10
58) T	1,1,2,2-Tetrachloro	0.334	0.337	0.373	0.380	0.372	0.359	6.04
59)	1,2,3-Trichloroprop	0.250	0.258	0.275	0.272	0.262	0.263	3.86
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.140	0.982	0.923	0.959	0.977	0.996	8.40
62) T	Bromoform	0.317	0.302	0.344	0.379	0.404	0.349	12.14
63) T	1,3-Dichlorobenzene	1.436	1.521	1.564	1.534	1.485	1.508	3.27
64) T	1,4-Dichlorobenzene	1.626	1.630	1.606	1.565	1.500	1.586	3.43
65) T	1,2-Dichlorobenzene	1.492	1.493	1.528	1.490	1.437	1.488	2.20
66) T	1,2-Dibromo-3-chlor	0.098	0.078	0.094	0.105	0.105	0.096	11.30
67)	1,3,5-Trichlorobenz	0.890	1.147	1.178	1.177	1.167	1.112	11.19
68) T	1,2,4-trichlorobenz	0.630	0.663	0.872	0.908	0.981	0.811	19.20
69)	Naphthalene	0.814	0.756	1.344	1.618	1.843	1.275	37.75
70) T	1,2,3-Trichlorobenz	0.548	0.614	0.839	0.877	0.921	0.760	22.00

(#) = Out of Range