

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM020720S.M
 Title : VOC Analysis
 Last Update : Fri Feb 07 03:34:24 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VV014523.D 5 =VV014524.D 25 =VV014525.D
 50 =VV014526.D 100 =VV014527.D

	Compound	2.5	5	25	50	100	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.434	0.447	0.464	0.415	0.431	0.438	4.17
3) T	Chloromethane	0.426	0.415	0.333	0.352	0.377	0.381	10.44
4) S	Vinyl Chloride-d3	0.232	0.233	0.233	0.251	0.257	0.241	4.89
5) T	Vinyl chloride	0.315	0.306	0.292	0.285	0.299	0.300	3.98
6) T	Bromomethane	0.150	0.145	0.163	0.143	0.152	0.151	5.14
7) S	Chloroethane-d5	0.163	0.171	0.172	0.165	0.169	0.168	2.19
8) T	Chloroethane	0.151	0.140	0.154	0.132	0.141	0.144	6.27
9) T	Trichlorofluorometh	0.438	0.434	0.457	0.413	0.426	0.434	3.78
10) S	1,1-Dichloroethene-	0.376	0.379	0.389	0.370	0.384	0.379	1.92
11) T	1,1,2-Trichloro-1,2	0.226	0.215	0.223	0.197	0.203	0.213	5.76
12) T	1,1-Dichloroethene	0.193	0.190	0.200	0.174	0.182	0.188	5.47
13) T	Acetone	0.145	0.105	0.100	0.096	0.132	0.116	18.96
14) T	Carbon disulfide	1.193	1.092	1.126	0.980	1.036	1.086	7.54
15) T	Methyl Acetate	0.194	0.195	0.210	0.199	0.206	0.201	3.32
16) T	Methylene chloride	0.591	0.477	0.425	0.356	0.379	0.446	21.04
17) T	Methyl tert-butyl E	0.885	0.899	1.021	0.898	0.969	0.934	6.23
18) T	trans-1,2-Dichloroe	0.373	0.370	0.388	0.334	0.354	0.364	5.62
19) T	1,1-Dichloroethane	0.600	0.599	0.668	0.575	0.623	0.613	5.70
20) S	2-Butanone-d5	0.097	0.110	0.113	0.117	0.119	0.111	7.70
21)	2-Butanone	0.097	0.119	0.162	0.150	0.168	0.139	21.59
22) T	cis-1,2-Dichloroeth	0.381	0.389	0.432	0.372	0.402	0.395	5.87
23) T	Bromochloromethane	0.173	0.176	0.197	0.172	0.190	0.182	6.16
24) S	Chloroform-d	0.521	0.556	0.563	0.564	0.641	0.569	7.72
25) T	Chloroform	0.662	0.678	0.752	0.637	0.657	0.677	6.55
26) S	1,2-Dichloroethane-	0.321	0.341	0.354	0.344	0.368	0.345	5.01
27) T	1,2-Dichloroethane	0.398	0.418	0.475	0.415	0.452	0.432	7.21
28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.281	1.334	1.366	1.305	1.353	1.328	2.63
30) T	Cyclohexane	0.631	0.630	0.675	0.589	0.602	0.625	5.28
31) T	1,1,1-Trichloroetha	0.536	0.540	0.614	0.529	0.565	0.557	6.20
32) T	Carbon tetrachlorid	0.465	0.489	0.535	0.469	0.505	0.493	5.80
33) S	1,2-Dichloropropane	0.368	0.407	0.419	0.403	0.426	0.405	5.50
34) T	Benzene	1.425	1.427	1.620	1.387	1.463	1.465	6.20
35) T	Trichloroethene	0.392	0.396	0.424	0.366	0.387	0.393	5.27
36) T	Methylcyclohexane	0.674	0.684	0.727	0.643	0.655	0.677	4.81
37) S	Toluene-d8	1.212	1.236	1.268	1.214	1.261	1.238	2.09
38) S	trans-1,3-Dichlorop	0.181	0.193	0.204	0.203	0.220	0.200	7.13
39) S	2-Hexanone-d5	0.084	0.096	0.096	0.098	0.101	0.095	6.87
40) T	1,2-Dichloropropane	0.349	0.361	0.412	0.348	0.379	0.370	7.20
41) T	Bromodichloromethan	0.466	0.466	0.541	0.469	0.520	0.493	7.23
42) T	cis-1,3-Dichloropro	0.548	0.596	0.681	0.598	0.653	0.615	8.46
43) T	4-Methyl-2-pentan	0.258	0.277	0.306	0.281	0.292	0.283	6.34
44) T	Toluene	1.548	1.589	1.735	1.483	1.558	1.583	5.92
45) T	trans-1,3-Dichlorop	0.476	0.489	0.572	0.496	0.545	0.515	7.90
46) T	1,1,2-Trichloroetha	0.281	0.310	0.333	0.293	0.313	0.306	6.54
47) T	Tetrachloroethene	0.294	0.305	0.328	0.287	0.297	0.302	5.25
48) S	1,1,2,2-Tetrachloro	0.348	0.385	0.382	0.384	0.392	0.378	4.58
49) T	2-Hexanone	0.169	0.194	0.234	0.214	0.235	0.209	13.52
50) T	Dibromochloromethan	0.323	0.336	0.401	0.355	0.392	0.361	9.51
51) T	1,2-Dibromoethane	0.289	0.298	0.345	0.305	0.331	0.314	7.48
52) T	Chlorobenzene	1.061	1.058	1.136	0.976	1.028	1.052	5.50

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.738	1.779	1.947	1.672	1.743	1.776	5.81
54) T	m,p-Xylene	0.684	0.665	0.745	0.642	0.668	0.681	5.73
55) T	o-xylene	0.638	0.664	0.727	0.617	0.642	0.658	6.42
56) T	Styrene	1.079	1.076	1.255	1.071	1.117	1.120	6.97
57) T	Isopropylbenzene	1.710	1.748	1.908	1.625	1.674	1.733	6.22
58) T	1,1,2,2-Tetrachloro	0.377	0.386	0.436	0.386	0.405	0.398	5.90
59)	1,2,3-Trichloroprop	0.293	0.292	0.321	0.289	0.303	0.300	4.35
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.943	0.932	0.922	0.894	0.925	0.923	1.99
62) T	Bromoform	0.365	0.386	0.469	0.422	0.465	0.421	11.00
63) T	1,3-Dichlorobenzene	1.598	1.654	1.809	1.556	1.637	1.651	5.82
64) T	1,4-Dichlorobenzene	1.678	1.678	1.811	1.563	1.642	1.674	5.36
65) T	1,2-Dichlorobenzene	1.469	1.551	1.673	1.442	1.521	1.531	5.89
66) T	1,2-Dibromo-3-chlor	0.142	0.131	0.149	0.146	0.151	0.144	5.52
67)	1,3,5-Trichlorobenz	1.191	1.186	1.315	1.151	1.214	1.211	5.14
68) T	1,2,4-trichlorobenz	1.024	1.024	1.156	1.037	1.090	1.066	5.37
69)	Naphthalene	2.368	2.335	2.623	2.460	2.512	2.459	4.70
70) T	1,2,3-Trichlorobenz	0.950	0.935	1.047	0.945	0.983	0.972	4.69

(#) = Out of Range