

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A V\METHOD\
 Method File : SOM2VLM041819S.M
 Title : VOC Analysis
 Last Update : Sat Apr 20 04:30:57 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV010343.D 5 =VV010344.D 25 =VV010388.D
 50 =VV010346.D 100 =VV010347.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.370	0.409	0.399	0.362	0.356	0.379	6.18
3) T	Chloromethane	0.345	0.359	0.329	0.310	0.305	0.330	6.94
4) S	Vinyl Chloride-d3	0.333	0.350	0.309	0.298	0.298	0.317	7.26
5) T	Vinyl chloride	0.355	0.369	0.349	0.324	0.324	0.344	5.74
6) T	Bromomethane	0.218	0.230	0.240	0.214	0.199	0.220	7.10
7) S	Chloroethane-d5	0.273	0.307	0.261	0.248	0.244	0.267	9.47
8) T	Chloroethane	0.241	0.243	0.220	0.198	0.195	0.219	10.38
9) T	Trichlorofluorometh	0.712	0.796	0.737	0.657	0.633	0.707	9.16
10) S	1,1-Dichloroethene-	0.817	0.839	0.748	0.715	0.710	0.766	7.70
11) T	1,1,2-Trichloro-1,2	0.380	0.430	0.373	0.344	0.335	0.372	10.03
12) T	1,1-Dichloroethene	0.331	0.363	0.330	0.303	0.296	0.325	8.13
13) T	Acetone	0.127	0.131	0.086	0.082	0.095	0.104	22.29
14) T	Carbon disulfide	0.842	0.881	0.796	0.744	0.742	0.801	7.60
15) T	Methyl Acetate	0.182	0.190	0.158	0.162	0.159	0.170	8.67
16) T	Methylene chloride	0.537	0.481	0.350	0.321	0.308	0.399	25.86
17) T	Methyl tert-butyl E	0.711	0.777	0.815	0.796	0.812	0.782	5.42
18) T	trans-1,2-Dichloroe	0.314	0.330	0.314	0.294	0.289	0.308	5.40
19) T	1,1-Dichloroethane	0.491	0.558	0.554	0.518	0.510	0.526	5.47
20) S	2-Butanone-d5	0.079	0.099	0.101	0.104	0.112	0.099	12.44
21)	2-Butanone	0.103	0.132	0.105	0.112	0.114	0.113	10.29
22) T	cis-1,2-Dichloroeth	0.346	0.357	0.364	0.344	0.343	0.351	2.64
23) T	Bromochloromethane	0.162	0.187	0.184	0.173	0.172	0.176	5.74
24) S	Chloroform-d	0.625	0.660	0.685	0.664	0.652	0.657	3.31
25) T	Chloroform	0.583	0.656	0.637	0.600	0.591	0.613	5.13
26) S	1,2-Dichloroethane-	0.358	0.413	0.388	0.387	0.395	0.388	5.12
27) T	1,2-Dichloroethane	0.399	0.455	0.453	0.436	0.448	0.438	5.28

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.246	1.355	1.293	1.258	1.247	1.280	3.60
30) T	Cyclohexane	0.464	0.504	0.469	0.429	0.425	0.458	7.09
31) T	1,1,1-Trichloroetha	0.544	0.580	0.566	0.532	0.534	0.551	3.79
32) T	Carbon tetrachlorid	0.515	0.545	0.539	0.498	0.503	0.520	4.05
33) S	1,2-Dichloropropane	0.340	0.385	0.395	0.375	0.377	0.375	5.50
34) T	Benzene	1.209	1.262	1.284	1.174	1.170	1.220	4.24
35) T	Trichloroethene	0.386	0.378	0.369	0.336	0.336	0.361	6.46
36) T	Methylcyclohexane	0.497	0.562	0.554	0.506	0.508	0.526	5.75
37) S	Toluene-d8	1.147	1.243	1.258	1.258	1.245	1.230	3.82
38) S	trans-1,3-Dichlorop	0.157	0.184	0.187	0.193	0.201	0.184	8.93
39) S	2-Hexanone-d5	0.063	0.080	0.079	0.093	0.101	0.083	17.39
40) T	1,2-Dichloropropane	0.298	0.334	0.324	0.307	0.301	0.313	4.93
41) T	Bromodichloromethan	0.383	0.444	0.465	0.448	0.456	0.439	7.34
42) T	cis-1,3-Dichloropro	0.405	0.435	0.496	0.504	0.519	0.472	10.42
43) T	4-Methyl-2-pentan	0.228	0.245	0.242	0.246	0.261	0.244	4.76
44) T	Toluene	1.279	1.456	1.447	1.363	1.332	1.375	5.51
45) T	trans-1,3-Dichlorop	0.357	0.420	0.470	0.467	0.486	0.440	11.94
46) T	1,1,2-Trichloroetha	0.261	0.302	0.290	0.280	0.277	0.282	5.45
47) T	Tetrachloroethene	0.327	0.354	0.327	0.304	0.298	0.322	6.85
48) S	1,1,2,2-Tetrachloro	0.302	0.392	0.378	0.390	0.409	0.375	11.16
49) T	2-Hexanone	0.129	0.187	0.166	0.178	0.196	0.171	15.31
50) T	Dibromochloromethan	0.291	0.321	0.370	0.368	0.382	0.346	11.20
51) T	1,2-Dibromoethane	0.250	0.291	0.286	0.282	0.288	0.280	6.08
52) T	Chlorobenzene	0.896	1.012	0.988	0.945	0.943	0.957	4.70

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.465	1.606	1.628	1.557	1.557	1.563	4.02
54) T	m,p-Xylene	0.547	0.613	0.621	0.627	0.615	0.605	5.40
55) T	o-xylene	0.522	0.564	0.616	0.597	0.617	0.583	6.96
56) T	Styrene	0.854	0.935	1.058	1.036	1.098	0.996	10.03
57) T	Isopropylbenzene	1.372	1.554	1.636	1.577	1.633	1.554	6.95
58) T	1,1,2,2-Tetrachloro	0.335	0.386	0.365	0.363	0.374	0.365	5.16
59) T	1,2,3-Trichloroprop	0.238	0.282	0.269	0.263	0.268	0.264	6.16
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	0.931	0.986	1.025	0.991	0.982	0.983	3.40
62) T	Bromoform	0.289	0.404	0.409	0.403	0.428	0.386	14.37
63) T	1,3-Dichlorobenzene	1.509	1.578	1.599	1.484	1.454	1.525	4.04
64) T	1,4-Dichlorobenzene	1.544	1.645	1.651	1.530	1.490	1.572	4.59
65) T	1,2-Dichlorobenzene	1.382	1.543	1.564	1.439	1.433	1.472	5.27
66) T	1,2-Dibromo-3-chlor	0.123	0.119	0.110	0.114	0.121	0.118	4.49
67) T	1,3,5-Trichlorobenz	1.247	1.289	1.352	1.239	1.214	1.268	4.26
68) T	1,2,4-trichlorobenz	0.900	1.008	1.077	1.041	1.043	1.013	6.72
69) T	Naphthalene	1.567	1.741	1.948	2.028	2.073	1.872	11.35
70) T	1,2,3-Trichlorobenz	0.894	0.966	1.055	1.012	0.998	0.985	6.10

(#) = Out of Range