

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM052019S.M
 Title : VOC Analysis
 Last Update : Mon May 20 14:36:49 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV010954.D 5 =VV010955.D 25 =VV010956.D
 50 =VV010957.D 100 =VV010958.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.410	0.394	0.359	0.356	0.328	0.369	8.84
3) T	Chloromethane	0.351	0.359	0.328	0.324	0.309	0.334	6.09
4) S	Vinyl Chloride-d3	0.321	0.308	0.277	0.271	0.249	0.285	10.14
5) T	Vinyl chloride	0.353	0.356	0.337	0.331	0.301	0.336	6.54
6) T	Bromomethane	0.152	0.094	0.136	0.118	0.084	0.117	24.24
7) S	Chloroethane-d5	0.218	0.202	0.193	0.188	0.164	0.193	10.39
8) T	Chloroethane	0.165	0.194	0.172	0.165	0.145	0.168	10.46
9) T	Trichlorofluorometh	0.570	0.555	0.552	0.525	0.474	0.535	7.10
10) S	1,1-Dichloroethene-	0.631	0.600	0.536	0.511	0.462	0.548	12.35
11) T	1,1,2-Trichloro-1,2	0.321	0.321	0.315	0.302	0.267	0.305	7.39
12) T	1,1-Dichloroethene	0.271	0.288	0.270	0.260	0.231	0.264	7.92
13) T	Acetone	0.113	0.109	0.087	0.087	0.079	0.095	16.15
14) T	Carbon disulfide	0.814	0.784	0.733	0.713	0.649	0.739	8.67
15) T	Methyl Acetate	0.190	0.205	0.189	0.153	0.174	0.182	10.75
16) T	Methylene chloride	0.494	0.461	0.409	0.408	0.373	0.429	11.18
17) T	Methyl tert-butyl E	0.837	0.904	0.946	1.009	0.972	0.933	7.08
18) T	trans-1,2-Dichloroe	0.350	0.384	0.374	0.369	0.341	0.364	4.81
19) T	1,1-Dichloroethane	0.625	0.670	0.692	0.687	0.638	0.663	4.46
20) S	2-Butanone-d5	0.089	0.104	0.098	0.098	0.104	0.098	6.19
21)	2-Butanone	0.116	0.126	0.132	0.138	0.138	0.130	7.07
22) T	cis-1,2-Dichloroeth	0.389	0.386	0.416	0.430	0.405	0.405	4.52
23) T	Bromochloromethane	0.167	0.199	0.192	0.208	0.193	0.192	8.05
24) S	Chloroform-d	0.720	0.612	0.633	0.660	0.614	0.648	6.93
25) T	Chloroform	0.694	0.816	0.789	0.755	0.696	0.750	7.25
26) S	1,2-Dichloroethane-	0.396	0.402	0.371	0.382	0.357	0.382	4.74
27) T	1,2-Dichloroethane	0.441	0.460	0.470	0.482	0.452	0.461	3.42

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.486	1.414	1.340	1.330	1.255	1.365	6.43
30) T	Cyclohexane	0.515	0.516	0.529	0.531	0.506	0.519	2.03
31) T	1,1,1-Trichloroetha	0.555	0.581	0.583	0.565	0.529	0.562	3.89
32) T	Carbon tetrachlorid	0.524	0.520	0.526	0.515	0.479	0.513	3.74
33) S	1,2-Dichloropropane	0.505	0.435	0.411	0.419	0.399	0.434	9.69
34) T	Benzene	1.387	1.459	1.491	1.479	1.390	1.441	3.42
35) T	Trichloroethene	0.408	0.408	0.403	0.406	0.366	0.398	4.55
36) T	Methylcyclohexane	0.555	0.590	0.610	0.624	0.564	0.589	4.96
37) S	Toluene-d8	1.268	1.286	1.273	1.310	1.207	1.269	3.01
38) S	trans-1,3-Dichlorop	0.164	0.183	0.175	0.185	0.183	0.178	5.03
39) S	2-Hexanone-d5	0.073	0.083	0.075	0.083	0.090	0.081	8.91
40) T	1,2-Dichloropropane	0.377	0.375	0.373	0.402	0.367	0.379	3.55
41) T	Bromodichloromethan	0.491	0.490	0.516	0.531	0.503	0.506	3.46
42) T	cis-1,3-Dichloropro	0.476	0.511	0.582	0.631	0.618	0.564	11.96
43) T	4-Methyl-2-pentan	0.239	0.276	0.264	0.290	0.289	0.272	7.76
44) T	Toluene	1.439	1.561	1.685	1.728	1.583	1.599	7.10
45) T	trans-1,3-Dichlorop	0.399	0.447	0.493	0.518	0.517	0.475	10.76
46) T	1,1,2-Trichloroetha	0.295	0.321	0.329	0.341	0.327	0.323	5.22
47) T	Tetrachloroethene	0.310	0.320	0.322	0.311	0.291	0.311	3.92
48) S	1,1,2,2-Tetrachloro	0.459	0.473	0.397	0.422	0.413	0.433	7.43
49) T	2-Hexanone	0.159	0.209	0.188	0.219	0.217	0.198	12.76
50) T	Dibromochloromethan	0.330	0.366	0.388	0.415	0.400	0.380	8.78
51) T	1,2-Dibromoethane	0.271	0.327	0.311	0.332	0.319	0.312	7.71
52) T	Chlorobenzene	1.070	1.054	1.118	1.164	1.075	1.096	4.05

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.542	1.648	1.838	1.913	1.772	1.743	8.52
54) T	m,p-Xylene	0.600	0.619	0.729	0.745	0.703	0.679	9.65
55) T	o-xylene	0.527	0.586	0.701	0.741	0.685	0.648	13.69
56) T	Styrene	0.891	0.976	1.221	1.297	1.199	1.117	15.56
57) T	Isopropylbenzene	1.470	1.562	1.831	1.912	1.773	1.709	10.89
58) T	1,1,2,2-Tetrachloro	0.372	0.459	0.418	0.444	0.433	0.425	7.83
59) T	1,2,3-Trichloroprop	0.296	0.336	0.303	0.317	0.309	0.312	4.93
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.122	1.064	0.959	0.995	0.936	1.015	7.59
62) T	Bromoform	0.428	0.454	0.416	0.457	0.463	0.444	4.61
63) T	1,3-Dichlorobenzene	1.657	1.675	1.724	1.799	1.670	1.705	3.44
64) T	1,4-Dichlorobenzene	1.725	1.750	1.789	1.819	1.696	1.756	2.80
65) T	1,2-Dichlorobenzene	1.563	1.615	1.703	1.747	1.638	1.653	4.39
66) T	1,2-Dibromo-3-chlor	0.125	0.125	0.128	0.138	0.140	0.131	5.55
67) T	1,3,5-Trichlorobenz	1.158	1.233	1.267	1.339	1.257	1.251	5.21
68) T	1,2,4-trichlorobenz	0.811	0.889	1.005	1.137	1.101	0.989	13.98
69) T	Naphthalene	1.227	1.589	2.020	2.493	2.580	1.982	29.25
70) T	1,2,3-Trichlorobenz	0.808	0.876	0.988	1.094	1.060	0.965	12.58

(#) = Out of Range