

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_Y\METHODS\
 Method File : SFAMYLM122920SMA.M
 Title : VOC Analysis
 Last Update : Tue Dec 29 13:01:37 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VY003845.D 5 =VY003846.D 25 =VY003847.D
 50 =VY003848.D 100 =VY003849.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.549	0.480	0.365	0.369	0.331	0.419	21.95
3) T	Chloromethane	0.653	0.478	0.420	0.422	0.372	0.469	23.35
4) S	Vinyl Chloride-d3	0.562	0.474	0.360	0.367	0.351	0.423	21.87
5) T	Vinyl chloride	0.609	0.513	0.473	0.470	0.422	0.498	14.11
6) T	Bromomethane	0.329	0.302	0.292	0.309	0.289	0.304	5.27
7) S	Chloroethane-d5	0.407	0.369	0.296	0.305	0.296	0.335	15.18
8) T	Chloroethane	0.335	0.303	0.298	0.299	0.267	0.300	8.00
9) T	Trichlorofluorometh	0.734	0.698	0.651	0.658	0.583	0.665	8.56
10) T	1,1,2-Trichloro-1,2	0.378	0.357	0.342	0.348	0.321	0.349	6.05
11) S	1,1-Dichloroethene-	0.837	0.798	0.665	0.687	0.663	0.730	11.15
12) T	1,1-Dichloroethene	0.354	0.322	0.325	0.330	0.308	0.328	5.04
13) T	Acetone	0.132	0.122	0.116	0.119	0.111	0.120	6.42
14) T	Carbon disulfide	1.164	1.075	1.121	1.126	1.028	1.103	4.76
15) T	Methyl Acetate	0.287	0.289	0.273	0.273	0.258	0.276	4.52
16) T	Methylene chloride	0.494	0.438	0.370	0.368	0.334	0.401	15.98
17) T	trans-1,2-Dichloroe	0.382	0.355	0.357	0.363	0.336	0.359	4.53
18) T	Methyl tert-butyl E	1.122	1.047	1.052	1.076	0.999	1.059	4.23
19) T	1,1-Dichloroethane	0.707	0.638	0.648	0.651	0.595	0.648	6.17
20) T	cis-1,2-Dichloroeth	0.417	0.380	0.388	0.391	0.363	0.388	5.05
21) S	2-Butanone-d5	0.171	0.170	0.147	0.155	0.161	0.161	6.27
22) T	2-Butanone	0.207	0.185	0.177	0.185	0.176	0.186	6.81
23) T	Bromochloromethane	0.201	0.194	0.191	0.193	0.180	0.192	4.02
24) S	Chloroform-d	0.749	0.755	0.644	0.659	0.646	0.691	8.17
25) T	Chloroform	0.739	0.686	0.672	0.684	0.615	0.679	6.48
26) S	1,2-Dichloroethane-	0.482	0.481	0.407	0.423	0.406	0.440	8.76
27) T	1,2-Dichloroethane	0.551	0.547	0.528	0.535	0.477	0.528	5.61

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.677	0.636	0.667	0.675	0.620	0.655	3.94
30) T	1,1,1-Trichloroetha	0.711	0.682	0.685	0.682	0.603	0.673	6.08
31) T	Carbon tetrachlorid	0.673	0.625	0.627	0.632	0.555	0.622	6.79
32) S	Benzene-d6	1.533	1.518	1.280	1.315	1.303	1.390	8.96
33) T	Benzene	1.578	1.553	1.548	1.546	1.416	1.528	4.19
34) T	Trichloroethene	0.442	0.434	0.424	0.425	0.387	0.422	5.01
35) T	Methylcyclohexane	0.698	0.655	0.710	0.716	0.658	0.687	4.21
36) S	1,2-Dichloropropane	0.437	0.451	0.375	0.393	0.395	0.410	7.88
37) T	1,2-Dichloropropane	0.407	0.393	0.389	0.394	0.362	0.389	4.25
38) T	Bromodichloromethan	0.574	0.561	0.550	0.556	0.499	0.548	5.29
39) T	cis-1,3-Dichloropro	0.702	0.647	0.672	0.678	0.623	0.665	4.58
40) T	4-Methyl-2-pentanone	0.421	0.407	0.422	0.428	0.399	0.415	2.97
41) S	Toluene-d8	1.420	1.415	1.225	1.271	1.249	1.316	7.15
42) T	Toluene	1.753	1.681	1.718	1.720	1.582	1.690	3.90
43) S	trans-1,3-Dichlorop	0.249	0.250	0.216	0.222	0.220	0.231	7.18
44) T	trans-1,3-Dichlorop	0.678	0.638	0.642	0.653	0.597	0.642	4.58
45) T	1,1,2-Trichloroetha	0.356	0.338	0.334	0.334	0.309	0.334	5.02
46) T	Tetrachloroethene	0.387	0.360	0.370	0.372	0.338	0.365	4.99
47) S	2-Hexanone-d5	0.135	0.131	0.116	0.125	0.128	0.127	5.62
48) T	2-Hexanone	0.308	0.300	0.303	0.313	0.289	0.303	2.99
49) T	Dibromochloromethan	0.436	0.417	0.427	0.436	0.399	0.423	3.66
50) T	1,2-Dibromoethane	0.345	0.326	0.332	0.334	0.313	0.330	3.57
51) T	Chlorobenzene	1.138	1.101	1.103	1.108	1.017	1.093	4.15
52) T	Ethylbenzene	1.944	1.879	1.923	1.946	1.776	1.894	3.75

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	m,p-Xylene	0.727	0.718	0.726	0.742	0.678	0.718	3.36
54) T	o-Xylene	0.707	0.683	0.712	0.726	0.669	0.699	3.28
55) T	Styrene	1.196	1.173	1.236	1.272	1.168	1.209	3.67
56) S	1,1,2,2-Tetrachloro	0.426	0.429	0.376	0.389	0.395	0.403	5.79
57) T	1,1,2,2-Tetrachloro	0.402	0.407	0.395	0.400	0.373	0.395	3.34
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.568	0.544	0.539	0.533	0.513	0.540	3.70
60)	Isopropylbenzene	3.396	3.262	3.363	3.347	3.158	3.305	2.90
61)	1,2,3-Trichloroprop	0.666	0.630	0.610	0.592	0.571	0.614	5.95
62)	1,3,5-Trimethylbenz	2.755	2.665	2.823	2.845	2.638	2.745	3.35
63)	1,2,4-Trimethylbenz	2.790	2.749	2.857	2.860	2.650	2.781	3.13
64) T	1,3-Dichlorobenzene	1.702	1.630	1.599	1.591	1.483	1.601	4.95
65) T	1,4-Dichlorobenzene	1.775	1.611	1.624	1.613	1.484	1.621	6.36
66) S	1,2-Dichlorobenzene	0.998	0.968	0.852	0.867	0.883	0.914	7.16
67) T	1,2-Dichlorobenzene	1.581	1.539	1.499	1.478	1.399	1.499	4.57
68) T	1,2-Dibromo-3-chlor	0.149	0.160	0.158	0.151	0.145	0.153	4.14
69)	1,3,5-Trichlorobenz	1.365	1.272	1.250	1.241	1.112	1.248	7.26
70) T	1,2,4-trichlorobenz	1.124	1.072	1.070	1.054	0.970	1.058	5.28
71)	Naphthalene	2.240	2.144	2.244	2.263	2.156	2.209	2.48
72) T	1,2,3-Trichlorobenz	0.941	0.951	0.958	0.948	0.875	0.935	3.65

(#) = Out of Range