

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
 Method File : SFAMYL110519SMA.M
 Title : VOC Analysis
 Last Update : Wed Nov 06 07:01:34 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VY000530.D 5 =VY000531.D 25 =VY000532.D
 50 =VY000533.D 100 =VY000534.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.398	0.379	0.346	0.310	0.303	0.347	11.91
3) T	Chloromethane	0.505	0.484	0.459	0.420	0.413	0.456	8.74
4) S	Vinyl Chloride-d3	0.383	0.359	0.409	0.362	0.391	0.381	5.53
5) T	Vinyl chloride	0.437	0.425	0.452	0.412	0.404	0.426	4.59
6) T	Bromomethane	0.179	0.187	0.206	0.194	0.209	0.195	6.39
7) S	Chloroethane-d5	0.343	0.321	0.355	0.303	0.337	0.332	6.11
8) T	Chloroethane	0.266	0.260	0.285	0.253	0.250	0.263	5.28
9) T	Trichlorofluorometh	0.635	0.611	0.634	0.567	0.558	0.601	6.11
10) T	1,1,2-Trichloro-1,2	0.370	0.343	0.373	0.330	0.328	0.349	6.16
11) S	1,1-Dichloroethene-	0.690	0.629	0.691	0.622	0.672	0.661	5.05
12) T	1,1-Dichloroethene	0.354	0.329	0.348	0.319	0.310	0.332	5.66
13) T	Acetone	0.233	0.183	0.119	0.132	0.130	0.160	30.10
14) T	Carbon disulfide	1.015	1.013	1.152	1.048	1.038	1.053	5.43
15) T	Methyl Acetate	0.283	0.288	0.287	0.280	0.284	0.284	1.19
16) T	Methylene chloride	0.491	0.426	0.407	0.358	0.354	0.407	13.79
17) T	trans-1,2-Dichloroe	0.378	0.359	0.395	0.360	0.353	0.369	4.66
18) T	Methyl tert-butyl E	1.039	1.031	1.107	1.037	1.044	1.052	2.97
19) T	1,1-Dichloroethane	0.677	0.627	0.684	0.623	0.623	0.647	4.77
20) T	cis-1,2-Dichloroeth	0.430	0.401	0.440	0.398	0.397	0.413	4.91
21) S	2-Butanone-d5	0.167	0.157	0.165	0.165	0.182	0.167	5.33
22) T	2-Butanone	0.288	0.269	0.218	0.223	0.224	0.244	12.96
23) T	Bromochloromethane	0.200	0.179	0.194	0.180	0.175	0.186	5.73
24) S	Chloroform-d	0.673	0.633	0.680	0.612	0.660	0.652	4.39
25) T	Chloroform	0.695	0.652	0.701	0.650	0.642	0.668	4.15
26) S	1,2-Dichloroethane-	0.407	0.389	0.411	0.366	0.394	0.393	4.51
27) T	1,2-Dichloroethane	0.482	0.463	0.505	0.470	0.466	0.477	3.59
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.697	0.676	0.713	0.671	0.658	0.683	3.18
30) T	1,1,1-Trichloroetha	0.617	0.594	0.636	0.592	0.576	0.603	3.90
31) T	Carbon tetrachlorid	0.588	0.564	0.578	0.533	0.518	0.556	5.31
32) S	Benzene-d6	1.551	1.425	1.472	1.349	1.431	1.446	5.11
33) T	Benzene	1.736	1.650	1.700	1.578	1.545	1.642	4.90
34) T	Trichloroethene	0.455	0.451	0.447	0.416	0.398	0.433	5.76
35) T	Methylcyclohexane	0.781	0.710	0.789	0.730	0.711	0.744	5.13
36) S	1,2-Dichloropropane	0.461	0.434	0.448	0.412	0.449	0.441	4.24
37) T	1,2-Dichloropropane	0.454	0.421	0.426	0.402	0.391	0.419	5.75
38) T	Bromodichloromethan	0.517	0.537	0.563	0.525	0.522	0.533	3.48
39) T	cis-1,3-Dichloropro	0.643	0.654	0.718	0.672	0.668	0.671	4.28
40) T	4-Methyl-2-pentanone	0.476	0.456	0.464	0.457	0.455	0.462	1.89
41) S	Toluene-d8	1.442	1.323	1.366	1.243	1.345	1.344	5.38
42) T	Toluene	1.772	1.735	1.836	1.721	1.703	1.753	2.99
43) S	trans-1,3-Dichlorop	0.243	0.194	0.227	0.215	0.233	0.222	8.54
44) T	trans-1,3-Dichlorop	0.589	0.560	0.625	0.596	0.596	0.593	3.88
45) T	1,1,2-Trichloroetha	0.369	0.351	0.371	0.348	0.339	0.356	3.81
46) T	Tetrachloroethene	0.358	0.342	0.339	0.315	0.300	0.331	6.97
47) S	2-Hexanone-d5	0.127	0.122	0.140	0.144	0.158	0.138	10.45
48) T	2-Hexanone	0.367	0.364	0.356	0.359	0.359	0.361	1.26
49) T	Dibromochloromethan	0.377	0.396	0.423	0.410	0.397	0.401	4.25
50) T	1,2-Dibromoethane	0.363	0.371	0.367	0.351	0.346	0.360	2.91
51) T	Chlorobenzene	1.181	1.112	1.158	1.082	1.067	1.120	4.33
52) T	Ethylbenzene	2.014	1.948	2.083	1.999	1.957	2.000	2.69

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Compound		2.5	5	25	50	100	Avg	%RSD

53) T	m,p-Xylene	0.776	0.730	0.806	0.764	0.757	0.766	3.63
54) T	o-Xylene	0.754	0.703	0.782	0.753	0.730	0.744	3.99
55) T	Styrene	1.164	1.195	1.326	1.312	1.298	1.259	5.88
56) S	1,1,2,2-Tetrachloro	0.470	0.453	0.490	0.468	0.505	0.477	4.29
57) T	1,1,2,2-Tetrachloro	0.485	0.456	0.502	0.490	0.478	0.482	3.54
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.510	0.493	0.553	0.544	0.551	0.530	5.11
60)	Isopropylbenzene	3.991	3.890	4.087	3.955	3.976	3.980	1.79
61)	1,2,3-Trichloroprop	0.792	0.804	0.812	0.774	0.776	0.791	2.14
62)	1,3,5-Trimethylbenz	3.254	3.138	3.445	3.267	3.203	3.261	3.51
63)	1,2,4-Trimethylbenz	3.212	3.117	3.384	3.224	3.142	3.216	3.24
64) T	1,3-Dichlorobenzene	1.889	1.794	1.821	1.743	1.673	1.784	4.57
65) T	1,4-Dichlorobenzene	1.930	1.806	1.832	1.737	1.671	1.795	5.46
66) S	1,2-Dichlorobenzene	1.087	0.958	0.985	0.904	0.947	0.976	7.01
67) T	1,2-Dichlorobenzene	1.788	1.682	1.718	1.624	1.542	1.671	5.59
68) T	1,2-Dibromo-3-chlor	0.176	0.188	0.188	0.184	0.180	0.183	2.86
69)	1,3,5-Trichlorobenz	1.337	1.224	1.304	1.186	1.106	1.231	7.51
70) T	1,2,4-trichlorobenz	1.244	1.160	1.159	1.055	0.990	1.122	8.86
71)	Naphthalene	2.832	2.932	3.068	2.910	2.909	2.930	2.93
72) T	1,2,3-Trichlorobenz	1.100	1.069	1.082	0.999	0.945	1.039	6.27

(#) = Out of Range