

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
 Method File : SFAMYL112320SMA.M
 Title : VOC Analysis
 Last Update : Mon Nov 23 12:08:47 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VY003583.D 5 =VY003584.D 25 =VY003585.D
 50 =VY003586.D 100 =VY003587.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.118	0.119	0.126	0.153	0.151	0.134	12.86
3) T	Chloromethane	0.292	0.260	0.221	0.246	0.246	0.253	10.25
4) S	Vinyl Chloride-d3	0.382	0.364	0.337	0.343	0.337	0.353	5.67
5) T	Vinyl chloride	0.375	0.367	0.341	0.358	0.340	0.356	4.35
6) T	Bromomethane	0.278	0.265	0.238	0.266	0.257	0.261	5.64
7) S	Chloroethane-d5	0.299	0.303	0.269	0.275	0.286	0.287	5.10
8) T	Chloroethane	0.226	0.227	0.216	0.225	0.221	0.223	2.05
9) T	Trichlorofluorometh	0.259	0.250	0.245	0.273	0.273	0.260	4.96
10) T	1,1,2-Trichloro-1,2	0.362	0.339	0.334	0.346	0.325	0.341	4.04
11) S	1,1-Dichloroethene-	0.785	0.796	0.709	0.732	0.718	0.748	5.36
12) T	1,1-Dichloroethene	0.387	0.372	0.345	0.367	0.343	0.363	5.13
13) T	Acetone	0.120	0.104	0.093	0.099	0.087	0.101	12.75
14) T	Carbon disulfide	1.238	1.168	1.103	1.168	1.090	1.154	5.16
15) T	Methyl Acetate	0.281	0.284	0.256	0.262	0.254	0.267	5.35
16) T	Methylene chloride	0.721	0.574	0.396	0.391	0.362	0.489	31.52
17) T	trans-1,2-Dichloroe	0.423	0.387	0.364	0.388	0.361	0.384	6.44
18) T	Methyl tert-butyl E	0.582	0.567	0.558	0.593	0.559	0.572	2.68
19) T	1,1-Dichloroethane	0.695	0.654	0.631	0.663	0.626	0.654	4.22
20) T	cis-1,2-Dichloroeth	0.422	0.406	0.382	0.411	0.383	0.401	4.35
21) S	2-Butanone-d5	0.149	0.143	0.152	0.155	0.156	0.151	3.54
22) T	2-Butanone	0.191	0.165	0.166	0.171	0.161	0.171	7.05
23) T	Bromochloromethane	0.209	0.190	0.186	0.196	0.181	0.192	5.73
24) S	Chloroform-d	0.749	0.731	0.685	0.688	0.684	0.707	4.29
25) T	Chloroform	0.712	0.644	0.621	0.654	0.614	0.649	6.01
26) S	1,2-Dichloroethane-	0.435	0.393	0.373	0.378	0.378	0.391	6.58
27) T	1,2-Dichloroethane	0.484	0.419	0.424	0.444	0.413	0.437	6.60

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.615	0.577	0.601	0.653	0.625	0.614	4.64
30) T	1,1,1-Trichloroetha	0.577	0.542	0.517	0.551	0.516	0.540	4.72
31) T	Carbon tetrachlorid	0.564	0.529	0.507	0.539	0.504	0.529	4.66
32) S	Benzene-d6	1.726	1.622	1.538	1.553	1.514	1.591	5.39
33) T	Benzene	1.811	1.655	1.567	1.648	1.522	1.641	6.73
34) T	Trichloroethene	0.450	0.407	0.386	0.410	0.382	0.407	6.65
35) T	Methylcyclohexane	0.652	0.611	0.624	0.655	0.652	0.639	3.12
36) S	1,2-Dichloropropane	0.528	0.492	0.472	0.470	0.455	0.483	5.87
37) T	1,2-Dichloropropane	0.459	0.423	0.395	0.415	0.386	0.415	6.89
38) T	Bromodichloromethan	0.582	0.526	0.502	0.530	0.496	0.527	6.42
39) T	cis-1,3-Dichloropro	0.647	0.621	0.636	0.672	0.634	0.642	3.03
40) T	4-Methyl-2-pentanone	0.344	0.318	0.354	0.369	0.361	0.349	5.67
41) S	Toluene-d8	1.491	1.420	1.405	1.427	1.390	1.426	2.70
42) T	Toluene	1.823	1.715	1.689	1.766	1.626	1.724	4.36
43) S	trans-1,3-Dichlorop	0.233	0.224	0.229	0.232	0.230	0.229	1.54
44) T	trans-1,3-Dichlorop	0.625	0.569	0.582	0.620	0.580	0.595	4.23
45) T	1,1,2-Trichloroetha	0.352	0.340	0.329	0.343	0.317	0.336	3.92
46) T	Tetrachloroethene	0.403	0.354	0.341	0.357	0.328	0.356	7.95
47) S	2-Hexanone-d5	0.107	0.107	0.131	0.134	0.135	0.123	11.73
48) T	2-Hexanone	0.253	0.259	0.272	0.293	0.275	0.270	5.82
49) T	Dibromochloromethan	0.411	0.392	0.377	0.408	0.383	0.394	3.78
50) T	1,2-Dibromoethane	0.334	0.331	0.325	0.339	0.317	0.329	2.59
51) T	Chlorobenzene	1.166	1.106	1.063	1.116	1.034	1.097	4.64
52) T	Ethylbenzene	1.759	1.717	1.735	1.855	1.727	1.759	3.19

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	m,p-Xylene	0.679	0.654	0.670	0.723	0.669	0.679	3.90
54) T	o-Xylene	0.561	0.570	0.565	0.606	0.566	0.574	3.25
55) T	Styrene	1.066	1.075	1.130	1.215	1.124	1.122	5.30
56) S	1,1,2,2-Tetrachloro	0.418	0.412	0.426	0.428	0.404	0.418	2.37
57) T	1,1,2,2-Tetrachloro	0.413	0.405	0.403	0.422	0.381	0.405	3.78
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.572	0.518	0.506	0.542	0.521	0.532	4.91
60)	Isopropylbenzene	2.649	2.453	2.456	2.584	2.474	2.523	3.50
61)	1,2,3-Trichloroprop	0.667	0.623	0.580	0.596	0.572	0.608	6.35
62)	1,3,5-Trimethylbenz	1.939	1.783	1.826	1.943	1.786	1.855	4.31
63)	1,2,4-Trimethylbenz	1.945	1.878	1.981	2.097	1.934	1.967	4.14
64) T	1,3-Dichlorobenzene	1.731	1.582	1.559	1.617	1.524	1.602	4.95
65) T	1,4-Dichlorobenzene	1.884	1.721	1.565	1.636	1.536	1.669	8.40
66) S	1,2-Dichlorobenzene	0.888	0.872	0.861	0.868	0.846	0.867	1.79
67) T	1,2-Dichlorobenzene	1.456	1.363	1.308	1.370	1.276	1.354	5.08
68) T	1,2-Dibromo-3-chlor	0.113	0.102	0.110	0.112	0.107	0.109	3.94
69)	1,3,5-Trichlorobenz	0.940	0.861	0.838	0.877	0.807	0.865	5.73
70) T	1,2,4-trichlorobenz	0.765	0.691	0.734	0.798	0.752	0.748	5.28
71)	Naphthalene	1.216	1.221	1.362	1.508	1.448	1.351	9.74
72) T	1,2,3-Trichlorobenz	0.559	0.563	0.557	0.592	0.556	0.565	2.70

(#) = Out of Range