

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : SFAMYL051921SMA.M
 Title : VOC Analysis
 Last Update : Thu May 20 02:58:10 2021
 Response Via : Initial Calibration

Calibration Files

2.5 =VY004843.D 5 =VY004844.D 25 =VY004845.D 50 =VY004846.D 100 =VY004847.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.325	0.333	0.340	0.336	0.333	0.333	1.59
3) T	Chloromethane	0.422	0.420	0.408	0.399	0.394	0.409	3.08
4) S	Vinyl Chloride-d3	0.399	0.374	0.427	0.416	0.422	0.407	5.28
5) T	Vinyl chloride	0.474	0.437	0.441	0.415	0.415	0.437	5.53
6) T	Bromomethane	0.174	0.175	0.169	0.168	0.172	0.171	1.82
7) S	Chloroethane-d5	0.283	0.292	0.309	0.309	0.309	0.300	4.12
8) T	Chloroethane	0.263	0.260	0.257	0.247	0.245	0.254	3.12
9) T	Trichlorofluorom...	0.586	0.574	0.553	0.542	0.534	0.558	3.87
10) T	1,1,2-Trichloro-...	0.334	0.331	0.333	0.331	0.329	0.332	0.54
11) S	1,1-Dichloroethe...	0.690	0.685	0.711	0.725	0.735	0.709	3.05
12) T	1,1-Dichloroethene	0.309	0.306	0.313	0.308	0.308	0.309	0.79
13) T	Acetone	0.115	0.103	0.094	0.096	0.091	0.100	9.73
14) T	Carbon disulfide	1.036	1.034	1.014	0.963	0.920	0.993	5.11
15) T	Methyl Acetate	0.293	0.287	0.275	0.278	0.260	0.278	4.49
16) T	Methylene chloride	0.582	0.511	0.362	0.350	0.340	0.429	25.77
17) T	trans-1,2-Dichlo...	0.330	0.338	0.338	0.334	0.334	0.335	1.01
18) T	Methyl tert-buty...	0.900	0.961	0.983	0.990	0.976	0.962	3.77
19) T	1,1-Dichloroethane	0.637	0.641	0.646	0.637	0.634	0.639	0.76
20) T	cis-1,2-Dichloro...	0.351	0.358	0.366	0.362	0.364	0.360	1.63
21) S	2-Butanone-d5	0.166	0.159	0.170	0.180	0.170	0.169	4.35
22) T	2-Butanone	0.176	0.167	0.172	0.180	0.170	0.173	2.86
23) T	Bromochloromethane	0.170	0.179	0.170	0.168	0.162	0.170	3.50
24) S	Chloroform-d	0.653	0.645	0.651	0.638	0.619	0.641	2.18
25) T	Chloroform	0.629	0.639	0.657	0.663	0.686	0.655	3.37
26) S	1,2-Dichloroetha...	0.399	0.400	0.403	0.409	0.411	0.404	1.34
27) T	1,2-Dichloroethane	0.458	0.454	0.455	0.453	0.441	0.452	1.41
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.617	0.633	0.664	0.665	0.662	0.648	3.44
30) T	1,1,1-Trichloroe...	0.602	0.587	0.598	0.586	0.572	0.589	2.01
31) T	Carbon tetrachlo...	0.430	0.438	0.486	0.485	0.484	0.464	6.01
32) S	Benzene-d6	1.469	1.458	1.522	1.522	1.516	1.497	2.06
33) T	Benzene	1.569	1.546	1.569	1.531	1.498	1.543	1.93
34) T	Trichloroethene	0.381	0.396	0.397	0.391	0.384	0.390	1.83
35) T	Methylcyclohexane	0.625	0.641	0.669	0.676	0.665	0.655	3.26
36) S	1,2-Dichloroprop...	0.485	0.480	0.485	0.491	0.488	0.486	0.80
37) T	1,2-Dichloropropane	0.409	0.413	0.424	0.412	0.400	0.412	2.08
38) T	Bromodichloromet...	0.500	0.508	0.520	0.511	0.497	0.507	1.75
39) T	cis-1,3-Dichloro...	0.606	0.631	0.661	0.654	0.642	0.639	3.37
40) T	4-Methyl-2-penta...	0.442	0.436	0.452	0.451	0.413	0.439	3.66
41) S	Toluene-d8	1.319	1.297	1.376	1.398	1.405	1.359	3.58
42) T	Toluene	1.594	1.624	1.673	1.643	1.621	1.631	1.80
43) S	trans-1,3-Dichlo...	0.219	0.224	0.237	0.239	0.237	0.231	3.89
44) T	trans-1,3-Dichlo...	0.570	0.583	0.613	0.608	0.593	0.593	3.00
45) T	1,1,2-Trichloroe...	0.317	0.325	0.326	0.321	0.310	0.320	2.16
46) T	Tetrachloroethene	0.304	0.294	0.298	0.290	0.283	0.294	2.72
47) S	2-Hexanone-d5	0.119	0.117	0.140	0.149	0.138	0.133	10.31
48) T	2-Hexanone	0.273	0.279	0.319	0.320	0.290	0.296	7.49
49) T	Dibromochloromet...	0.346	0.353	0.372	0.369	0.361	0.360	3.03
50) T	1,2-Dibromoethane	0.301	0.306	0.319	0.316	0.304	0.309	2.59
51) T	Chlorobenzene	1.014	1.025	1.024	0.999	0.982	1.009	1.84
52) T	Ethylbenzene	1.669	1.733	1.811	1.803	1.781	1.759	3.34
53) T	m,p-Xylene	0.620	0.635	0.674	0.668	0.663	0.652	3.57
54) T	o-Xylene	0.571	0.596	0.648	0.646	0.648	0.622	5.79
55) T	Styrene	0.959	1.012	1.126	1.124	1.135	1.071	7.53
56) S	1,1,2,2-Tetrachl...	0.419	0.411	0.437	0.449	0.424	0.428	3.50

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57) T	1,1,2,2-Tetrachl...	0.381	0.385	0.405	0.403	0.377	0.390	3.33
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.466	0.478	0.482	0.485	0.473	0.477	1.57
60)	Isopropylbenzene	3.324	3.489	3.614	3.570	3.581	3.516	3.32
61)	1,2,3-Trichlorop...	0.733	0.680	0.683	0.675	0.630	0.680	5.35
62)	1,3,5-Trimethylb...	2.594	2.723	2.956	2.927	2.930	2.826	5.66
63)	1,2,4-Trimethylb...	2.583	2.707	2.952	2.943	2.918	2.821	5.90
64) T	1,3-Dichlorobenzene	1.480	1.521	1.522	1.499	1.464	1.497	1.70
65) T	1,4-Dichlorobenzene	1.561	1.538	1.523	1.496	1.464	1.516	2.48
66) S	1,2-Dichlorobenz...	0.911	0.872	0.902	0.913	0.919	0.904	2.05
67) T	1,2-Dichlorobenzene	1.399	1.405	1.401	1.380	1.357	1.388	1.44
68) T	1,2-Dibromo-3-ch...	0.168	0.157	0.154	0.153	0.143	0.155	5.80
69)	1,3,5-Trichlorob...	1.002	1.009	1.013	1.017	0.994	1.007	0.90
70) T	1,2,4-trichlorob...	0.807	0.828	0.847	0.873	0.861	0.843	3.14
71)	Naphthalene	1.951	1.927	2.197	2.295	2.252	2.124	8.15
72) T	1,2,3-Trichlorob...	0.724	0.756	0.774	0.794	0.780	0.766	3.57

(#) = Out of Range