

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : SFAMYL120321SMA.M
 Title : VOC Analysis
 Last Update : Sat Dec 04 02:26:29 2021
 Response Via : Initial Calibration

Calibration Files

2.5 =VY006922.D 5 =VY006923.D 25 =VY006924.D 50 =VY006925.D 100 =VY006926.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.157	0.159	0.146	0.157	0.170	0.158	5.32
3) T	Chloromethane	0.340	0.325	0.289	0.270	0.291	0.303	9.51
4) S	Vinyl Chloride-d3	0.316	0.325	0.323	0.315	0.331	0.322	2.03
5) T	Vinyl chloride	0.445	0.438	0.457	0.447	0.444	0.446	1.61
6) T	Bromomethane	0.280	0.278	0.264	0.259	0.267	0.270	3.37
7) S	Chloroethane-d5	0.285	0.271	0.235	0.227	0.245	0.253	9.76
8) T	Chloroethane	0.285	0.262	0.259	0.256	0.261	0.265	4.41
9) T	Trichlorofluorom...	0.327	0.298	0.338	0.325	0.333	0.324	4.74
10) T	1,1,2-Trichloro-...	0.309	0.315	0.326	0.315	0.307	0.314	2.33
11) S	1,1-Dichloroethe...	0.734	0.692	0.641	0.629	0.650	0.669	6.50
12) T	1,1-Dichloroethene	0.350	0.327	0.345	0.342	0.329	0.338	2.99
13) T	Acetone	0.145	0.130	0.097	0.099	0.099	0.114	19.25
14) T	Carbon disulfide	1.172	1.114	1.138	1.088	1.064	1.115	3.78
15) T	Methyl Acetate	0.280	0.259	0.228	0.233	0.243	0.248	8.53
16) T	Methylene chloride	0.647	0.482	0.398	0.366	0.349	0.448	27.31
17) T	trans-1,2-Dichlo...	0.381	0.351	0.365	0.357	0.351	0.361	3.45
18) T	Methyl tert-buty...	0.687	0.620	0.671	0.656	0.621	0.651	4.57
19) T	1,1-Dichloroethane	0.726	0.665	0.688	0.661	0.652	0.678	4.36
20) T	cis-1,2-Dichloro...	0.387	0.382	0.394	0.392	0.379	0.387	1.62
21) S	2-Butanone-d5	0.152	0.149	0.101	0.108	0.112	0.124	19.21
22) T	2-Butanone	0.177	0.162	0.145	0.154	0.160	0.159	7.31
23) T	Bromochloromethane	0.186	0.168	0.181	0.179	0.169	0.177	4.38
24) S	Chloroform-d	0.716	0.699	0.567	0.568	0.564	0.623	12.45
25) T	Chloroform	0.706	0.675	0.695	0.678	0.665	0.684	2.40
26) S	1,2-Dichloroetha...	0.444	0.416	0.337	0.335	0.338	0.374	13.97
27) T	1,2-Dichloroethane	0.500	0.482	0.510	0.505	0.479	0.495	2.87

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.743	0.640	0.708	0.690	0.703	0.697	5.39
30) T	1,1,1-Trichloroe...	0.664	0.624	0.664	0.621	0.607	0.636	4.21
31) T	Carbon tetrachlo...	0.632	0.581	0.641	0.602	0.578	0.607	4.70
32) S	Benzene-d6	1.559	1.448	1.235	1.185	1.214	1.328	12.47
33) T	Benzene	1.781	1.588	1.723	1.659	1.654	1.681	4.39
34) T	Trichloroethene	0.448	0.384	0.425	0.410	0.401	0.414	5.88
35) T	Methylcyclohexane	0.771	0.687	0.767	0.753	0.730	0.742	4.65
36) S	1,2-Dichloroprop...	0.501	0.480	0.370	0.371	0.364	0.417	16.13
37) T	1,2-Dichloropropane	0.479	0.407	0.431	0.429	0.409	0.431	6.71
38) T	Bromodichloromet...	0.603	0.515	0.573	0.559	0.541	0.558	5.94
39) T	cis-1,3-Dichloro...	0.687	0.638	0.692	0.693	0.672	0.676	3.44
40) T	4-Methyl-2-penta...	0.385	0.352	0.366	0.389	0.387	0.376	4.24
41) S	Toluene-d8	1.424	1.337	1.173	1.137	1.149	1.244	10.38
42) T	Toluene	1.808	1.674	1.883	1.820	1.780	1.793	4.26
43) S	trans-1,3-Dichlo...	0.233	0.213	0.189	0.185	0.188	0.202	10.33
44) T	trans-1,3-Dichlo...	0.647	0.574	0.653	0.651	0.635	0.632	5.20
45) T	1,1,2-Trichloroe...	0.351	0.294	0.322	0.315	0.305	0.317	6.81
46) T	Tetrachloroethene	0.361	0.327	0.368	0.345	0.333	0.347	5.08
47) S	2-Hexanone-d5	0.111	0.112	0.082	0.089	0.088	0.097	14.51
48) T	2-Hexanone	0.244	0.224	0.245	0.265	0.262	0.248	6.66
49) T	Dibromochloromet...	0.407	0.362	0.397	0.393	0.372	0.386	4.86
50) T	1,2-Dibromoethane	0.314	0.285	0.305	0.305	0.294	0.300	3.81
51) T	Chlorobenzene	1.118	1.036	1.149	1.102	1.063	1.094	4.07
52) T	Ethylbenzene	1.946	1.767	2.044	1.960	1.919	1.927	5.25
53) T	m,p-Xylene	0.752	0.671	0.761	0.737	0.724	0.729	4.85
54) T	o-Xylene	0.684	0.621	0.730	0.698	0.698	0.686	5.85
55) T	Styrene	1.125	1.077	1.304	1.256	1.239	1.200	7.93
56) S	1,1,2,2-Tetrachl...	0.452	0.381	0.306	0.305	0.294	0.348	19.57

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57) T	1,1,2,2-Tetrachl...	0.381	0.370	0.394	0.397	0.372	0.383	3.24
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.528	0.469	0.531	0.534	0.488	0.510	5.77
60)	Isopropylbenzene	3.633	3.329	3.853	3.833	3.644	3.658	5.76
61)	1,2,3-Trichlorop...	0.669	0.575	0.604	0.626	0.564	0.608	6.92
62)	1,3,5-Trimethylb...	2.914	2.797	3.179	3.170	2.980	3.008	5.50
63)	1,2,4-Trimethylb...	2.767	2.711	3.178	3.101	2.954	2.942	6.90
64) T	1,3-Dichlorobenzene	1.659	1.581	1.719	1.689	1.585	1.646	3.74
65) T	1,4-Dichlorobenzene	1.767	1.621	1.727	1.689	1.585	1.678	4.45
66) S	1,2-Dichlorobenz...	0.978	0.894	0.750	0.734	0.720	0.815	14.09
67) T	1,2-Dichlorobenzene	1.494	1.390	1.539	1.515	1.434	1.474	4.14
68) T	1,2-Dibromo-3-ch...	0.142	0.122	0.123	0.138	0.130	0.131	6.76
69)	1,3,5-Trichlorob...	1.124	1.038	1.167	1.146	1.126	1.120	4.38
70) T	1,2,4-trichlorob...	0.942	0.802	0.928	0.926	0.921	0.904	6.38
71)	Naphthalene	1.686	1.589	1.868	1.962	1.950	1.811	9.16
72) T	1,2,3-Trichlorob...	0.768	0.704	0.779	0.775	0.793	0.764	4.56

(#) = Out of Range