

Method Path : Z:\VOASRV\HPCHEM1\MSVOA Y\METHODS\
 Method File : SFAMYL112520SMA.M
 Title : VOC Analysis
 Last Update : Thu Nov 26 04:59:02 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VY003624.D 5 =VY003625.D 25 =VY003620.D
 50 =VY003621.D 100 =VY003622.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.314	0.302	0.307	0.289	0.281	0.299	4.50
3) T	Chloromethane	0.377	0.348	0.348	0.323	0.308	0.341	7.87
4) S	Vinyl Chloride-d3	0.421	0.381	0.356	0.323	0.313	0.359	12.24
5) T	Vinyl chloride	0.380	0.383	0.369	0.350	0.338	0.364	5.34
6) T	Bromomethane	0.264	0.250	0.231	0.227	0.234	0.241	6.23
7) S	Chloroethane-d5	0.321	0.307	0.270	0.247	0.241	0.277	12.83
8) T	Chloroethane	0.226	0.224	0.225	0.211	0.202	0.218	4.93
9) T	Trichlorofluorometh	0.605	0.569	0.549	0.521	0.507	0.550	7.10
10) T	1,1,2-Trichloro-1,2	0.358	0.364	0.349	0.332	0.321	0.345	5.22
11) S	1,1-Dichloroethene-	0.776	0.750	0.675	0.638	0.621	0.692	9.86
12) T	1,1-Dichloroethene	0.335	0.327	0.333	0.321	0.308	0.325	3.33
13) T	Acetone	0.129	0.112	0.112	0.100	0.096	0.110	11.71
14) T	Carbon disulfide	1.171	1.119	1.139	1.073	1.029	1.106	5.03
15) T	Methyl Acetate	0.254	0.254	0.232	0.222	0.215	0.235	7.59
16) T	Methylene chloride	0.801	0.570	0.412	0.369	0.340	0.498	38.32
17) T	trans-1,2-Dichloroe	0.360	0.360	0.361	0.346	0.334	0.352	3.43
18) T	Methyl tert-butyl E	0.839	0.856	0.898	0.882	0.865	0.868	2.61
19) T	1,1-Dichloroethane	0.639	0.633	0.623	0.594	0.576	0.613	4.37
20) T	cis-1,2-Dichloroeth	0.387	0.377	0.388	0.372	0.360	0.377	3.11
21) S	2-Butanone-d5	0.143	0.138	0.139	0.128	0.126	0.135	5.27
22) T	2-Butanone	0.173	0.179	0.168	0.159	0.150	0.166	6.88
23) T	Bromochloromethane	0.201	0.185	0.189	0.178	0.169	0.184	6.32
24) S	Chloroform-d	0.731	0.681	0.661	0.610	0.591	0.655	8.54
25) T	Chloroform	0.650	0.636	0.623	0.593	0.579	0.616	4.79
26) S	1,2-Dichloroethane-	0.413	0.389	0.370	0.334	0.329	0.367	9.75
27) T	1,2-Dichloroethane	0.429	0.415	0.419	0.398	0.385	0.409	4.26

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.584	0.593	0.623	0.609	0.603	0.602	2.50
30) T	1,1,1-Trichloroetha	0.609	0.617	0.608	0.567	0.562	0.593	4.35
31) T	Carbon tetrachlorid	0.576	0.550	0.536	0.517	0.506	0.537	5.19
32) S	Benzene-d6	1.623	1.548	1.473	1.341	1.313	1.460	9.06
33) T	Benzene	1.560	1.617	1.577	1.490	1.435	1.536	4.72
34) T	Trichloroethene	0.403	0.394	0.386	0.368	0.359	0.382	4.78
35) T	Methylcyclohexane	0.644	0.660	0.694	0.656	0.647	0.660	3.04
36) S	1,2-Dichloropropane	0.477	0.455	0.446	0.406	0.397	0.436	7.69
37) T	1,2-Dichloropropane	0.389	0.398	0.400	0.376	0.368	0.386	3.56
38) T	Bromodichloromethan	0.495	0.505	0.503	0.487	0.472	0.492	2.77
39) T	cis-1,3-Dichloropro	0.586	0.605	0.622	0.608	0.601	0.604	2.13
40) T	4-Methyl-2-pentanone	0.324	0.350	0.353	0.342	0.337	0.341	3.30
41) S	Toluene-d8	1.390	1.401	1.337	1.224	1.201	1.311	7.10
42) T	Toluene	1.607	1.667	1.685	1.607	1.552	1.623	3.28
43) S	trans-1,3-Dichlorop	0.223	0.225	0.215	0.197	0.198	0.212	6.31
44) T	trans-1,3-Dichlorop	0.541	0.563	0.566	0.554	0.549	0.555	1.85
45) T	1,1,2-Trichloroetha	0.328	0.340	0.324	0.313	0.302	0.321	4.55
46) T	Tetrachloroethene	0.347	0.346	0.341	0.317	0.311	0.332	5.11
47) S	2-Hexanone-d5	0.096	0.105	0.118	0.112	0.113	0.109	7.79
48) T	2-Hexanone	0.208	0.250	0.261	0.251	0.247	0.243	8.39
49) T	Dibromochloromethan	0.383	0.382	0.385	0.372	0.365	0.377	2.26
50) T	1,2-Dibromoethane	0.312	0.319	0.311	0.304	0.298	0.309	2.63
51) T	Chlorobenzene	1.038	1.070	1.059	1.009	0.979	1.031	3.62
52) T	Ethylbenzene	1.702	1.777	1.812	1.742	1.687	1.744	2.96

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	m,p-Xylene	0.637	0.672	0.710	0.673	0.649	0.668	4.19
54) T	o-Xylene	0.600	0.634	0.683	0.644	0.619	0.636	4.87
55) T	Styrene	1.000	1.096	1.160	1.113	1.082	1.090	5.35
56) S	1,1,2,2-Tetrachloro	0.469	0.460	0.450	0.408	0.394	0.436	7.57
57) T	1,1,2,2-Tetrachloro	0.437	0.437	0.436	0.413	0.399	0.424	4.13
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.491	0.516	0.504	0.492	0.487	0.498	2.37
60)	Isopropylbenzene	3.121	3.225	3.439	3.350	3.296	3.286	3.69
61)	1,2,3-Trichloroprop	0.632	0.620	0.595	0.575	0.567	0.598	4.73
62)	1,3,5-Trimethylbenz	2.368	2.501	2.770	2.679	2.607	2.585	6.05
63)	1,2,4-Trimethylbenz	2.345	2.429	2.732	2.637	2.557	2.540	6.12
64) T	1,3-Dichlorobenzene	1.582	1.605	1.599	1.544	1.470	1.560	3.57
65) T	1,4-Dichlorobenzene	1.730	1.622	1.636	1.539	1.461	1.598	6.39
66) S	1,2-Dichlorobenzene	1.019	0.921	0.921	0.844	0.815	0.904	8.80
67) T	1,2-Dichlorobenzene	1.477	1.492	1.499	1.414	1.353	1.447	4.31
68) T	1,2-Dibromo-3-chlor	0.130	0.144	0.140	0.134	0.132	0.136	4.25
69)	1,3,5-Trichlorobenz	1.124	1.086	1.121	1.055	1.009	1.079	4.45
70) T	1,2,4-trichlorobenz	0.972	0.934	0.935	0.920	0.886	0.929	3.36
71)	Naphthalene	1.735	1.856	2.037	2.038	2.009	1.935	6.96
72) T	1,2,3-Trichlorobenz	0.845	0.876	0.881	0.846	0.814	0.852	3.18

(#) = Out of Range