

Method Path : Z:\VOASRV\HPCHEM1\MSV0A_Y\METHODS\
 Method File : SFAMYL120720SMA.M
 Title : VOC Analysis
 Last Update : Mon Dec 07 13:03:01 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VY003664.D 5 =VY003665.D 25 =VY003666.D
 50 =VY003667.D 100 =VY003668.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.261	0.270	0.263	0.259	0.256	0.262	1.93
3) T	Chloromethane	0.332	0.316	0.289	0.283	0.281	0.300	7.59
4) S	Vinyl Chloride-d3	0.339	0.332	0.198	0.209	0.224	0.260	26.53
5) T	Vinyl chloride	0.302	0.307	0.303	0.300	0.301	0.303	0.90
6) T	Bromomethane	0.198	0.191	0.196	0.191	0.197	0.195	1.73
7) S	Chloroethane-d5	0.240	0.258	0.176	0.179	0.192	0.209	18.00
8) T	Chloroethane	0.192	0.192	0.194	0.184	0.184	0.189	2.61
9) T	Trichlorofluorometh	0.495	0.471	0.491	0.457	0.457	0.474	3.79
10) T	1,1,2-Trichloro-1,2	0.328	0.312	0.324	0.300	0.298	0.312	4.38
11) S	1,1-Dichloroethene-	0.639	0.635	0.482	0.475	0.504	0.547	15.15
12) T	1,1-Dichloroethene	0.299	0.297	0.309	0.293	0.290	0.298	2.40
13) T	Acetone	0.095	0.086	0.090	0.082	0.081	0.087	6.65
14) T	Carbon disulfide	0.977	0.936	1.010	0.949	0.940	0.963	3.21
15) T	Methyl Acetate	0.221	0.217	0.230	0.216	0.214	0.219	2.94
16) T	Methylene chloride	0.689	0.468	0.365	0.338	0.325	0.437	34.73
17) T	trans-1,2-Dichloroe	0.348	0.334	0.342	0.320	0.316	0.332	4.19
18) T	Methyl tert-butyl E	0.796	0.813	0.880	0.848	0.851	0.838	3.99
19) T	1,1-Dichloroethane	0.562	0.549	0.577	0.536	0.533	0.551	3.32
20) T	cis-1,2-Dichloroeth	0.352	0.352	0.373	0.353	0.349	0.356	2.78
21) S	2-Butanone-d5	0.126	0.126	0.122	0.123	0.134	0.126	3.62
22) T	2-Butanone	0.180	0.149	0.155	0.142	0.139	0.153	10.53
23) T	Bromochloromethane	0.177	0.177	0.185	0.174	0.172	0.177	2.71
24) S	Chloroform-d	0.595	0.621	0.519	0.504	0.543	0.557	8.92
25) T	Chloroform	0.567	0.555	0.594	0.548	0.548	0.562	3.45
26) S	1,2-Dichloroethane-	0.337	0.336	0.283	0.280	0.304	0.308	9.04
27) T	1,2-Dichloroethane	0.384	0.381	0.394	0.367	0.363	0.378	3.34

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.532	0.491	0.568	0.533	0.541	0.533	5.16
30) T	1,1,1-Trichloroetha	0.532	0.521	0.533	0.505	0.510	0.520	2.49
31) T	Carbon tetrachlorid	0.498	0.459	0.487	0.455	0.457	0.471	4.18
32) S	Benzene-d6	1.397	1.417	1.095	1.094	1.188	1.238	12.86
33) T	Benzene	1.455	1.425	1.465	1.363	1.362	1.414	3.50
34) T	Trichloroethene	0.385	0.379	0.396	0.372	0.370	0.380	2.80
35) T	Methylcyclohexane	0.601	0.562	0.632	0.597	0.605	0.599	4.17
36) S	1,2-Dichloropropane	0.418	0.421	0.336	0.338	0.369	0.376	11.04
37) T	1,2-Dichloropropane	0.356	0.352	0.369	0.344	0.344	0.353	2.94
38) T	Bromodichloromethan	0.468	0.436	0.467	0.444	0.445	0.452	3.20
39) T	cis-1,3-Dichloropro	0.539	0.526	0.586	0.562	0.573	0.557	4.38
40) T	4-Methyl-2-pentanone	0.312	0.299	0.339	0.322	0.327	0.320	4.74
41) S	Toluene-d8	1.245	1.243	0.992	1.000	1.089	1.114	11.18
42) T	Toluene	1.508	1.467	1.579	1.488	1.488	1.506	2.86
43) S	trans-1,3-Dichlorop	0.192	0.197	0.164	0.166	0.184	0.180	8.22
44) T	trans-1,3-Dichlorop	0.507	0.500	0.542	0.521	0.526	0.519	3.19
45) T	1,1,2-Trichloroetha	0.314	0.305	0.319	0.304	0.300	0.308	2.61
46) T	Tetrachloroethene	0.324	0.299	0.318	0.295	0.293	0.306	4.66
47) S	2-Hexanone-d5	0.097	0.098	0.107	0.110	0.121	0.106	9.29
48) T	2-Hexanone	0.205	0.204	0.240	0.231	0.235	0.223	7.72
49) T	Dibromochloromethan	0.352	0.333	0.375	0.360	0.357	0.355	4.25
50) T	1,2-Dibromoethane	0.294	0.294	0.313	0.291	0.296	0.298	2.96
51) T	Chlorobenzene	1.021	1.007	1.027	0.963	0.958	0.995	3.29
52) T	Ethylbenzene	1.581	1.564	1.726	1.621	1.632	1.625	3.88

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	m,p-Xylene	0.626	0.610	0.682	0.628	0.630	0.635	4.31
54) T	o-Xylene	0.576	0.588	0.657	0.608	0.606	0.607	5.11
55) T	Styrene	0.955	0.988	1.122	1.062	1.058	1.037	6.40
56) S	1,1,2,2-Tetrachloro	0.361	0.364	0.332	0.332	0.348	0.347	4.42
57) T	1,1,2,2-Tetrachloro	0.328	0.322	0.359	0.334	0.331	0.335	4.20
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.459	0.444	0.478	0.463	0.486	0.466	3.55
60)	Isopropylbenzene	2.924	2.921	3.210	3.009	3.137	3.040	4.25
61)	1,2,3-Trichloroprop	0.572	0.537	0.581	0.540	0.559	0.558	3.46
62)	1,3,5-Trimethylbenz	2.220	2.235	2.633	2.452	2.516	2.411	7.46
63)	1,2,4-Trimethylbenz	2.223	2.225	2.610	2.440	2.476	2.395	7.03
64) T	1,3-Dichlorobenzene	1.495	1.420	1.560	1.439	1.453	1.474	3.78
65) T	1,4-Dichlorobenzene	1.545	1.466	1.558	1.450	1.443	1.492	3.67
66) S	1,2-Dichlorobenzene	0.894	0.886	0.743	0.735	0.803	0.812	9.30
67) T	1,2-Dichlorobenzene	1.389	1.335	1.454	1.336	1.339	1.371	3.79
68) T	1,2-Dibromo-3-chlor	0.119	0.112	0.133	0.123	0.125	0.123	6.22
69)	1,3,5-Trichlorobenz	1.057	1.024	1.123	1.015	1.003	1.044	4.62
70) T	1,2,4-trichlorobenz	0.877	0.833	0.943	0.891	0.895	0.888	4.43
71)	Naphthalene	1.665	1.679	2.066	1.972	2.039	1.884	10.43
72) T	1,2,3-Trichlorobenz	0.802	0.791	0.865	0.807	0.806	0.814	3.56

(#) = Out of Range