

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\
 Method File : SFAMYL011620SMA.M
 Title : VOC Analysis
 Last Update : Fri Jan 17 02:51:17 2020
 Response Via : Initial Calibration

Calibration Files

2.5 =VY001259.D 5 =VY001260.D 25 =VY001255.D
 50 =VY001256.D 100 =VY001257.D

	Compound	2.5	5	25	50	100	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.434	0.414	0.383	0.374	0.349	0.391	8.59
3) T	Chloromethane	0.472	0.432	0.419	0.422	0.390	0.427	6.94
4) S	Vinyl Chloride-d3	0.344	0.325	0.350	0.349	0.349	0.344	3.07
5) T	Vinyl chloride	0.479	0.456	0.447	0.446	0.418	0.449	4.85
6) T	Bromomethane	0.286	0.263	0.256	0.263	0.239	0.261	6.40
7) S	Chloroethane-d5	0.254	0.266	0.326	0.328	0.322	0.299	12.08
8) T	Chloroethane	0.279	0.254	0.259	0.259	0.244	0.259	5.01
9) T	Trichlorofluorometh	0.574	0.519	0.532	0.520	0.490	0.527	5.74
10) T	1,1,2-Trichloro-1,2	0.354	0.327	0.328	0.324	0.303	0.327	5.54
11) S	1,1-Dichloroethene-	0.575	0.543	0.645	0.639	0.629	0.606	7.43
12) T	1,1-Dichloroethene	0.352	0.321	0.323	0.319	0.299	0.323	5.86
13) T	Acetone	0.227	0.161	0.169	0.150	0.165	0.175	17.34
14) T	Carbon disulfide	1.149	1.084	1.102	1.092	1.025	1.091	4.07
15) T	Methyl Acetate	0.305	0.261	0.264	0.261	0.257	0.270	7.39
16) T	Methylene chloride	0.581	0.459	0.362	0.353	0.333	0.418	24.80
17) T	trans-1,2-Dichloroe	0.386	0.366	0.361	0.357	0.337	0.362	4.88
18) T	Methyl tert-butyl E	1.059	0.983	0.995	0.995	0.961	0.999	3.66
19) T	1,1-Dichloroethane	0.652	0.609	0.614	0.624	0.587	0.617	3.83
20) T	cis-1,2-Dichloroeth	0.421	0.400	0.396	0.395	0.375	0.397	4.11
21) S	2-Butanone-d5	0.118	0.108	0.176	0.174	0.180	0.151	23.42
22) T	2-Butanone	0.263	0.202	0.214	0.203	0.211	0.219	11.51
23) T	Bromochloromethane	0.191	0.170	0.174	0.175	0.168	0.176	5.13
24) S	Chloroform-d	0.450	0.438	0.637	0.637	0.645	0.561	19.15
25) T	Chloroform	0.651	0.613	0.609	0.611	0.570	0.611	4.65
26) S	1,2-Dichloroethane-	0.261	0.255	0.367	0.371	0.384	0.328	19.40
27) T	1,2-Dichloroethane	0.463	0.422	0.429	0.435	0.416	0.433	4.26
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.759	0.683	0.699	0.689	0.660	0.698	5.34
30) T	1,1,1-Trichloroetha	0.595	0.551	0.567	0.557	0.535	0.561	3.99
31) T	Carbon tetrachlorid	0.509	0.499	0.502	0.493	0.470	0.495	2.99
32) S	Benzene-d6	1.073	1.057	1.519	1.491	1.541	1.336	18.57
33) T	Benzene	1.663	1.585	1.600	1.597	1.523	1.594	3.13
34) T	Trichloroethene	0.437	0.401	0.407	0.402	0.386	0.407	4.56
35) T	Methylcyclohexane	0.819	0.749	0.746	0.739	0.696	0.750	5.92
36) S	1,2-Dichloropropane	0.324	0.314	0.468	0.469	0.482	0.411	20.57
37) T	1,2-Dichloropropane	0.427	0.393	0.399	0.403	0.386	0.402	3.90
38) T	Bromodichloromethan	0.536	0.510	0.509	0.517	0.499	0.514	2.67
39) T	cis-1,3-Dichloropro	0.701	0.670	0.679	0.685	0.665	0.680	2.06
40) T	4-Methyl-2-pentanone	0.490	0.412	0.432	0.422	0.423	0.436	7.11
41) S	Toluene-d8	0.999	0.968	1.385	1.388	1.412	1.230	18.36
42) T	Toluene	1.823	1.692	1.727	1.731	1.653	1.725	3.66
43) S	trans-1,3-Dichlorop	0.169	0.158	0.230	0.236	0.245	0.208	19.57
44) T	trans-1,3-Dichlorop	0.594	0.558	0.577	0.587	0.578	0.579	2.30
45) T	1,1,2-Trichloroetha	0.377	0.345	0.339	0.339	0.330	0.346	5.34
46) T	Tetrachloroethene	0.346	0.312	0.318	0.304	0.283	0.313	7.30
47) S	2-Hexanone-d5	0.111	0.096	0.169	0.165	0.172	0.142	25.44
48) T	2-Hexanone	0.358	0.296	0.345	0.333	0.340	0.334	7.06
49) T	Dibromochloromethan	0.370	0.364	0.376	0.386	0.373	0.374	2.20
50) T	1,2-Dibromoethane	0.385	0.339	0.343	0.345	0.335	0.349	5.76
51) T	Chlorobenzene	1.199	1.083	1.087	1.071	1.026	1.093	5.85
52) T	Ethylbenzene	2.045	1.883	1.943	1.946	1.854	1.934	3.81

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	m,p-Xylene	0.825	0.730	0.749	0.744	0.711	0.752	5.79
54) T	o-Xylene	0.781	0.704	0.712	0.718	0.685	0.720	5.07
55) T	Styrene	1.314	1.211	1.266	1.283	1.228	1.260	3.27
56) S	1,1,2,2-Tetrachloro	0.353	0.319	0.517	0.514	0.529	0.446	22.77
57) T	1,1,2,2-Tetrachloro	0.513	0.473	0.485	0.486	0.468	0.485	3.58
58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59) T	Bromoform	0.555	0.487	0.524	0.537	0.539	0.529	4.86
60)	Isopropylbenzene	4.252	3.810	3.940	4.030	3.882	3.983	4.28
61)	1,2,3-Trichloroprop	0.871	0.728	0.767	0.767	0.755	0.777	7.04
62)	1,3,5-Trimethylbenz	3.571	3.218	3.268	3.309	3.119	3.297	5.12
63)	1,2,4-Trimethylbenz	3.606	3.133	3.192	3.282	3.097	3.262	6.27
64) T	1,3-Dichlorobenzene	2.026	1.745	1.710	1.731	1.622	1.767	8.64
65) T	1,4-Dichlorobenzene	2.033	1.771	1.734	1.726	1.604	1.774	8.91
66) S	1,2-Dichlorobenzene	0.817	0.694	1.005	0.997	0.978	0.898	15.33
67) T	1,2-Dichlorobenzene	1.925	1.604	1.603	1.584	1.460	1.635	10.56
68) T	1,2-Dibromo-3-chlor	0.226	0.181	0.193	0.193	0.189	0.196	8.88
69)	1,3,5-Trichlorobenz	1.437	1.243	1.194	1.157	1.038	1.214	12.01
70) T	1,2,4-trichlorobenz	1.352	1.139	1.056	1.040	0.943	1.106	13.93
71)	Naphthalene	3.774	3.010	2.898	2.918	2.809	3.082	12.78
72) T	1,2,3-Trichlorobenz	1.288	1.041	0.975	0.968	0.887	1.032	14.85

(#) = Out of Range