

Method Path : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\
 Method File : SFAMYL012621SMA.M
 Title : VOC Analysis
 Last Update : Tue Jan 26 14:06:12 2021
 Response Via : Initial Calibration

Calibration Files

2.5 =VY003933.D 5 =VY003934.D 25 =VY003935.D 50 =VY003936.D 100 =VY003937.D

Compound		2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.532	0.515	0.469	0.462	0.444	0.484	7.75
3) T	Chloromethane	0.649	0.619	0.531	0.481	0.458	0.548	15.29
4) S	Vinyl Chloride-d3	0.556	0.537	0.491	0.461	0.476	0.504	8.07
5) T	Vinyl chloride	0.577	0.558	0.522	0.484	0.504	0.529	7.22
6) T	Bromomethane	0.347	0.329	0.306	0.297	0.289	0.314	7.56
7) S	Chloroethane-d5	0.442	0.408	0.386	0.363	0.325	0.385	11.52
8) T	Chloroethane	0.411	0.373	0.314	0.301	0.260	0.332	18.13
9) T	Trichlorofluorom...	0.705	0.688	0.626	0.623	0.585	0.645	7.71
10) T	1,1,2-Trichloro-...	0.377	0.395	0.357	0.355	0.346	0.366	5.42
11) S	1,1-Dichloroethe...	0.875	0.848	0.792	0.767	0.748	0.806	6.68
12) T	1,1-Dichloroethene	0.396	0.355	0.343	0.341	0.332	0.353	7.13
13) T	Acetone	0.140	0.118	0.118	0.122	0.109	0.121	9.43
14) T	Carbon disulfide	1.353	1.281	1.164	1.158	1.117	1.215	8.10
15) T	Methyl Acetate	0.289	0.295	0.289	0.286	0.258	0.283	5.14
16) T	Methylene chloride	0.586	0.492	0.390	0.373	0.356	0.439	22.22
17) T	trans-1,2-Dichlo...	0.396	0.383	0.364	0.362	0.356	0.372	4.51
18) T	Methyl tert-buty...	1.076	1.035	1.054	1.069	1.020	1.051	2.23
19) T	1,1-Dichloroethane	0.746	0.710	0.673	0.677	0.651	0.691	5.38
20) T	cis-1,2-Dichloro...	0.387	0.399	0.391	0.394	0.383	0.391	1.50
21) S	2-Butanone-d5	0.156	0.151	0.169	0.167	0.153	0.159	5.12
22) T	2-Butanone	0.192	0.169	0.190	0.195	0.175	0.184	6.20
23) T	Bromochloromethane	0.199	0.185	0.188	0.186	0.180	0.187	3.87
24) S	Chloroform-d	0.785	0.748	0.734	0.720	0.709	0.739	3.97
25) T	Chloroform	0.750	0.694	0.684	0.690	0.669	0.698	4.44
26) S	1,2-Dichloroetha...	0.469	0.436	0.453	0.444	0.435	0.447	3.14
27) T	1,2-Dichloroethane	0.558	0.528	0.518	0.518	0.490	0.522	4.64

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.727	0.733	0.695	0.698	0.677	0.706	3.29
30) T	1,1,1-Trichloroe...	0.682	0.709	0.660	0.658	0.630	0.668	4.40
31) T	Carbon tetrachlo...	0.637	0.622	0.585	0.585	0.560	0.598	5.20
32) S	Benzene-d6	1.616	1.548	1.500	1.469	1.438	1.514	4.61
33) T	Benzene	1.683	1.632	1.578	1.584	1.536	1.602	3.53
34) T	Trichloroethene	0.456	0.454	0.408	0.414	0.400	0.426	6.18
35) T	Methylcyclohexane	0.753	0.722	0.701	0.698	0.673	0.709	4.21
36) S	1,2-Dichloroprop...	0.480	0.487	0.472	0.457	0.444	0.468	3.73
37) T	1,2-Dichloropropane	0.471	0.438	0.415	0.418	0.400	0.428	6.44
38) T	Bromodichloromet...	0.592	0.574	0.549	0.566	0.540	0.564	3.70
39) T	cis-1,3-Dichloro...	0.689	0.653	0.679	0.682	0.656	0.672	2.45
40) T	4-Methyl-2-penta...	0.394	0.392	0.444	0.453	0.404	0.418	6.94
41) S	Toluene-d8	1.531	1.471	1.432	1.407	1.374	1.443	4.21
42) T	Toluene	1.769	1.805	1.722	1.752	1.691	1.748	2.49
43) S	trans-1,3-Dichlo...	0.261	0.231	0.248	0.231	0.237	0.241	5.43
44) T	trans-1,3-Dichlo...	0.624	0.626	0.640	0.616	0.620	0.625	1.44
45) T	1,1,2-Trichloroe...	0.342	0.321	0.334	0.315	0.314	0.325	3.70
46) T	Tetrachloroethene	0.381	0.367	0.337	0.344	0.332	0.352	5.96
47) S	2-Hexanone-d5	0.111	0.113	0.138	0.137	0.120	0.124	10.26
48) T	2-Hexanone	0.272	0.277	0.325	0.335	0.289	0.300	9.57
49) T	Dibromochloromet...	0.410	0.392	0.410	0.412	0.392	0.403	2.50
50) T	1,2-Dibromoethane	0.306	0.325	0.325	0.332	0.307	0.319	3.67
51) T	Chlorobenzene	1.169	1.119	1.060	1.082	1.052	1.096	4.39
52) T	Ethylbenzene	2.027	1.991	1.923	1.928	1.897	1.953	2.76
53) T	m,p-Xylene	0.749	0.752	0.718	0.725	0.709	0.730	2.62
54) T	o-Xylene	0.704	0.692	0.692	0.707	0.700	0.699	1.02
55) T	Styrene	1.164	1.195	1.202	1.257	1.246	1.213	3.17
56) S	1,1,2,2-Tetrachl...	0.446	0.419	0.451	0.444	0.408	0.433	4.40

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57) T	1,1,2,2-Tetrachl...	0.435	0.407	0.432	0.431	0.393	0.419	4.46
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.525	0.493	0.521	0.525	0.544	0.522	3.51
60)	Isopropylbenzene	3.593	3.513	3.511	3.495	3.748	3.572	2.95
61)	1,2,3-Trichlorop...	0.659	0.600	0.635	0.634	0.626	0.631	3.34
62)	1,3,5-Trimethylb...	3.054	2.988	2.996	3.000	3.133	3.034	2.02
63)	1,2,4-Trimethylb...	2.949	2.925	2.990	2.975	3.097	2.987	2.22
64) T	1,3-Dichlorobenzene	1.775	1.668	1.632	1.603	1.577	1.651	4.66
65) T	1,4-Dichlorobenzene	1.739	1.675	1.628	1.609	1.612	1.652	3.33
66) S	1,2-Dichlorobenz...	1.009	0.960	0.946	0.931	0.970	0.963	3.08
67) T	1,2-Dichlorobenzene	1.575	1.577	1.494	1.488	1.539	1.535	2.80
68) T	1,2-Dibromo-3-ch...	0.174	0.142	0.159	0.149	0.146	0.154	8.23
69)	1,3,5-Trichlorob...	1.332	1.232	1.204	1.133	1.118	1.204	7.13
70) T	1,2,4-trichlorob...	1.112	0.977	0.998	0.945	0.958	0.998	6.66
71)	Naphthalene	2.059	1.937	2.216	2.129	2.089	2.086	4.90
72) T	1,2,3-Trichlorob...	0.923	0.862	0.894	0.833	0.828	0.868	4.67

(#) = Out of Range