

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\
 Method File : SOMVLM011121WMA.M
 Title : VOC Analysis
 Last Update : Mon Jan 11 13:51:52 2021
 Response Via : Initial Calibration

Calibration Files

5 =VV019960.D 10 =VV019961.D 50 =VV019962.D 100 =VV019963.D 200 =VV019964.D

	Compound	5	10	50	100	200	Avg	%RSD
1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.469	0.489	0.494	0.480	0.484	0.483	1.99
3) T	Chloromethane	0.455	0.474	0.478	0.459	0.450	0.463	2.60
4) S	Vinyl Chloride-d3	0.410	0.429	0.429	0.423	0.417	0.422	1.92
5) T	Vinyl chloride	0.457	0.479	0.478	0.468	0.462	0.469	2.10
6) T	Bromomethane	0.291	0.305	0.293	0.291	0.280	0.292	3.08
7) S	Chloroethane-d5	0.331	0.346	0.338	0.338	0.330	0.337	1.92
8) T	Chloroethane	0.282	0.286	0.299	0.292	0.283	0.288	2.36
9) T	Trichlorofluorom...	0.643	0.669	0.667	0.663	0.648	0.658	1.78
10) T	1,1,2-Trichloro-...	0.358	0.375	0.372	0.362	0.361	0.366	2.08
11) S	1,1-Dichloroethe...	0.828	0.852	0.824	0.831	0.818	0.831	1.56
12) T	1,1-Dichloroethene	0.351	0.340	0.359	0.357	0.355	0.353	2.18
13) T	Acetone	0.291	0.257	0.233	0.219	0.209	0.242	13.62
14) T	Carbon disulfide	1.011	1.023	1.063	1.073	1.068	1.048	2.74
15) T	Methyl Acetate	0.387	0.399	0.425	0.419	0.420	0.410	3.99
16) T	Methylene chloride	0.353	0.365	0.394	0.384	0.378	0.375	4.28
17) T	trans-1,2-Dichlo...	0.331	0.349	0.360	0.362	0.365	0.353	4.00
18) T	Methyl tert-buty...	1.038	1.120	1.180	1.207	1.210	1.151	6.32
19) T	1,1-Dichloroethane	0.632	0.670	0.693	0.694	0.690	0.676	3.91
20) T	cis-1,2-Dichloro...	0.342	0.376	0.383	0.389	0.396	0.377	5.53
21) S	2-Butanone-d5	0.255	0.261	0.280	0.286	0.286	0.274	5.38
22) T	2-Butanone	0.265	0.265	0.309	0.309	0.308	0.291	8.28
23) T	Bromochloromethane	0.189	0.197	0.200	0.199	0.201	0.197	2.42
24) S	Chloroform-d	0.731	0.767	0.768	0.770	0.762	0.760	2.13
25) T	Chloroform	0.657	0.720	0.732	0.721	0.722	0.710	4.28
26) S	1,2-Dichloroetha...	0.501	0.522	0.522	0.522	0.516	0.516	1.74
27) T	1,2-Dichloroethane	0.545	0.574	0.619	0.618	0.612	0.594	5.53
28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	Cyclohexane	0.550	0.570	0.608	0.614	0.615	0.591	5.03
30) T	1,1,1-Trichloroe...	0.619	0.636	0.688	0.677	0.668	0.658	4.40
31) T	Carbon tetrachlo...	0.520	0.546	0.587	0.578	0.573	0.561	4.90
32) S	Benzene-d6	1.347	1.404	1.448	1.447	1.410	1.411	2.93
33) T	Benzene	1.303	1.433	1.525	1.518	1.479	1.451	6.27
34) T	Trichloroethene	0.417	0.424	0.416	0.417	0.405	0.416	1.62
35) T	Methylcyclohexane	0.544	0.571	0.621	0.618	0.617	0.594	5.90
36) S	1,2-Dichloroprop...	0.422	0.452	0.444	0.450	0.436	0.441	2.75
37) T	1,2-Dichloropropane	0.331	0.365	0.400	0.397	0.388	0.377	7.65
38) T	Bromodichloromet...	0.488	0.528	0.571	0.567	0.565	0.544	6.55
39) T	cis-1,3-Dichloro...	0.498	0.520	0.622	0.651	0.656	0.590	12.72
40) T	4-Methyl-2-penta...	0.510	0.541	0.617	0.615	0.610	0.579	8.61
41) S	Toluene-d8	1.175	1.252	1.319	1.332	1.317	1.279	5.15
42) T	Toluene	1.382	1.495	1.625	1.626	1.601	1.546	6.86
43) S	trans-1,3-Dichlo...	0.203	0.211	0.235	0.246	0.248	0.229	8.93
44) T	trans-1,3-Dichlo...	0.483	0.540	0.628	0.668	0.671	0.598	13.92
45) T	1,1,2-Trichloroe...	0.351	0.358	0.383	0.381	0.376	0.370	3.87
46) T	Tetrachloroethene	0.282	0.299	0.306	0.304	0.302	0.299	3.20
47) S	2-Hexanone-d5	0.132	0.142	0.188	0.208	0.214	0.177	21.38
48) T	2-Hexanone	0.414	0.418	0.475	0.487	0.481	0.455	7.88
49) T	Dibromochloromet...	0.346	0.390	0.427	0.436	0.443	0.409	9.88
50) T	1,2-Dibromoethane	0.350	0.389	0.415	0.419	0.412	0.397	7.21
51) T	Chlorobenzene	0.965	1.004	1.048	1.057	1.044	1.024	3.76
52) T	Ethylbenzene	1.534	1.676	1.842	1.868	1.856	1.755	8.32
53) T	m,p-Xylene	0.546	0.592	0.676	0.695	0.697	0.641	10.69
54) T	o-xylene	0.538	0.587	0.671	0.677	0.684	0.631	10.38
55) T	Styrene	0.865	0.987	1.164	1.216	1.224	1.091	14.51
56) T	Isopropylbenzene	1.453	1.589	1.793	1.848	1.852	1.707	10.43

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57)	S	1,1,2,2-Tetrachl...	0.521	0.559	0.617	0.637	0.644	0.596	8.94
58)	T	1,1,2,2-Tetrachl...	0.493	0.541	0.609	0.621	0.633	0.579	10.33
59)	MA	1,2,3-Trichlorop...	0.468	0.512	0.524	0.529	0.527	0.512	4.97
60)	I	1,4-Dichlorobenzen...	-----ISTD-----						
61)	T	Bromoform	0.418	0.469	0.538	0.558	0.563	0.509	12.44
62)	T	1,3-Dichlorobenzene	1.427	1.463	1.535	1.547	1.529	1.500	3.50
63)	T	1,4-Dichlorobenzene	1.506	1.493	1.569	1.584	1.547	1.540	2.57
64)	S	1,2-Dichlorobenz...	0.953	0.953	0.966	0.985	0.971	0.966	1.38
65)	T	1,2-Dichlorobenzene	1.399	1.491	1.549	1.568	1.551	1.512	4.59
66)	T	1,2-Dibromo-3-ch...	0.215	0.215	0.282	0.303	0.301	0.263	17.09
67)	MA	1,3,5-Trichlorob...	1.034	1.075	1.172	1.190	1.163	1.127	6.08
68)	T	1,2,4-trichlorob...	0.853	0.915	1.048	1.097	1.067	0.996	10.66
69)	MA	Naphthalene	2.067	2.263	3.186	3.476	3.416	2.882	23.13
70)	T	1,2,3-Trichlorob...	0.821	0.891	1.026	1.069	1.028	0.967	10.92

(#) = Out of Range