Response Factor Report MSVOA_V

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : SFAMVLM080221WMA.M
Title : VOC Analysis
Last Update : Wed Aug 04 01:10:57 2021
Response Via : Initial Calibration

Calibration Files
5 =VV021709.D 10 =VV021710.D 50 =VV021723.D 100 =VV021712.D 200 =VV021713.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.352	0.331	0.329	0.322	0.320	0.331	3.85
3)	T	Chloromethane	0.336	0.339	0.317	0.320	0.319	0.326	3.29
4)	S	Vinyl Chloride-d3	0.315	0.321	0.317	0.314	0.304	0.314	2.04
5)	T	Vinyl chloride	0.348	0.344	0.325	0.325	0.320	0.332	3.83
6)	T	Bromomethane	0.212	0.213	0.209	0.176	0.103	0.183	25.85
7)	S	Chloroethane-d5	0.261	0.268	0.263	0.257	0.246	0.259	3.17
8)	T	Chloroethane	0.211	0.210	0.204	0.200	0.192	0.203	3.72
9)	T	Trichlorofluorom...	0.499	0.498	0.484	0.474	0.464	0.484	3.13
10)	T	1,1,2-Trichloro-...	0.281	0.282	0.270	0.269	0.262	0.273	3.15
11)	S	1,1-Dichloroethe...	0.560	0.578	0.566	0.563	0.542	0.562	2.33
12)	T	1,1-Dichloroethene	0.258	0.253	0.250	0.247	0.243	0.250	2.26
13)	T	Acetone	0.237	0.193	0.162	0.150	0.143	0.177	21.74
14)	T	Carbon disulfide	0.687	0.668	0.669	0.668	0.660	0.671	1.52
15)	T	Methyl Acetate	0.353	0.373	0.380	0.372	0.368	0.369	2.68
16)	T	Methylene chloride	0.366	0.351	0.335	0.330	0.321	0.341	5.22
17)	T	trans-1,2-Dichlo...	0.296	0.296	0.298	0.297	0.290	0.295	1.00
18)	T	Methyl tert-buty...	1.024	1.053	1.053	1.049	1.022	1.040	1.50
19)	T	1,1-Dichloroethane	0.571	0.590	0.582	0.575	0.561	0.576	1.96
20)	T	cis-1,2-Dichloro...	0.344	0.350	0.354	0.353	0.348	0.350	1.18
21)	S	2-Butanone-d5	0.224	0.263	0.282	0.293	0.287	0.270	10.30
22)	T	2-Butanone	0.256	0.240	0.266	0.266	0.260	0.257	4.20
23)	T	Bromochloromethane	0.194	0.190	0.188	0.183	0.184	0.188	2.44
24)	S	Chloroform-d	0.632	0.680	0.671	0.682	0.663	0.666	3.02
25)	T	Chloroform	0.615	0.621	0.603	0.598	0.583	0.604	2.49
26)	S	1,2-Dichloroetha...	0.392	0.406	0.398	0.404	0.390	0.398	1.73
27)	T	1,2-Dichloroethane	0.423	0.434	0.438	0.423	0.417	0.427	1.98
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.511	0.511	0.503	0.495	0.482	0.500	2.46
30)	T	1,1,1-Trichloroe...	0.558	0.585	0.576	0.555	0.548	0.564	2.74
31)	T	Carbon tetrachlo...	0.479	0.500	0.491	0.483	0.474	0.486	2.13
32)	S	Benzene-d6	1.354	1.457	1.450	1.437	1.388	1.417	3.12
33)	T	Benzene	1.303	1.407	1.384	1.331	1.297	1.345	3.66
34)	T	Trichloroethene	0.410	0.408	0.379	0.359	0.348	0.381	7.30
35)	T	Methylcyclohexane	0.497	0.546	0.524	0.519	0.511	0.519	3.45
36)	S	1,2-Dichloroprop...	0.434	0.459	0.452	0.456	0.445	0.449	2.29
37)	T	1,2-Dichloropropane	0.368	0.356	0.362	0.358	0.348	0.358	2.03
38)	T	Bromodichloromet...	0.469	0.500	0.499	0.493	0.485	0.489	2.56
39)	T	cis-1,3-Dichloro...	0.511	0.572	0.596	0.576	0.584	0.568	5.81
40)	T	4-Methyl-2-penta...	0.479	0.530	0.547	0.531	0.523	0.522	4.93
41)	S	Toluene-d8	1.249	1.337	1.346	1.335	1.288	1.311	3.14
42)	T	Toluene	1.422	1.482	1.490	1.450	1.405	1.450	2.54
43)	S	trans-1,3-Dichlo...	0.206	0.211	0.228	0.230	0.233	0.222	5.43
44)	T	trans-1,3-Dichlo...	0.507	0.534	0.566	0.562	0.552	0.544	4.48
45)	T	1,1,2-Trichloroe...	0.352	0.381	0.376	0.361	0.354	0.365	3.64
46)	T	Tetrachloroethene	0.287	0.288	0.281	0.278	0.273	0.282	2.21
47)	S	2-Hexanone-d5	0.139	0.168	0.214	0.227	0.231	0.196	20.58
48)	T	2-Hexanone	0.391	0.398	0.407	0.407	0.397	0.400	1.78
49)	T	Dibromochloromet...	0.395	0.414	0.428	0.420	0.421	0.416	3.05
50)	T	1,2-Dibromoethane	0.375	0.396	0.399	0.388	0.382	0.388	2.54
51)	T	Chlorobenzene	0.965	0.986	0.983	0.965	0.945	0.969	1.73
52)	T	Ethylbenzene	1.520	1.606	1.614	1.576	1.554	1.574	2.46
53)	T	m,p-Xylene	0.596	0.617	0.619	0.615	0.608	0.611	1.56
54)	T	o-Xylene	0.590	0.637	0.632	0.612	0.604	0.615	3.19
55)	T	Styrene	0.955	1.000	1.080	1.068	1.048	1.030	5.04
56)	S	1,1,2,2-Tetrachl...	0.508	0.570	0.619	0.630	0.634	0.592	9.06

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57)	T	1,1,2,2-Tetrachl...	0.475	0.521	0.570	0.574	0.582	0.545	8.38
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.516	0.557	0.601	0.610	0.607	0.578	7.10
60)		Isopropylbenzene	3.155	3.249	3.119	3.021	2.901	3.089	4.31
61)		1,2,3-Trichlorop...	0.877	0.954	0.900	0.874	0.838	0.889	4.82
62)		1,3,5-Trimethylb...	2.558	2.710	2.660	2.607	2.542	2.615	2.69
63)		1,2,4-Trimethylb...	2.608	2.748	2.711	2.654	2.588	2.662	2.53
64)	T	1,3-Dichlorobenzene	1.471	1.534	1.503	1.475	1.459	1.488	2.02
65)	T	1,4-Dichlorobenzene	1.503	1.544	1.507	1.472	1.463	1.498	2.14
66)	S	1,2-Dichlorobenz...	1.000	1.067	1.033	1.047	1.030	1.035	2.37
67)	T	1,2-Dichlorobenzene	1.509	1.578	1.530	1.501	1.484	1.520	2.37
68)	T	1,2-Dibromo-3-ch...	0.175	0.214	0.243	0.264	0.274	0.234	17.27
69)		1,3,5-Trichlorob...	1.035	1.070	1.121	1.141	1.171	1.108	4.95
70)	T	1,2,4-trichlorob...	0.764	0.865	0.969	1.005	1.066	0.934	12.85
71)		Naphthalene	1.689	2.247	2.941	3.208	3.433	2.703	26.68
72)	T	1,2,3-Trichlorob...	0.757	0.847	0.970	1.015	1.051	0.928	13.22

(#) = Out of Range