Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : SFAMXLM081121WMA.M
Title : VOC Analysis
Last Update : Wed Aug 11 12:02:06 2021
Response Via : Initial Calibration

Calibration Files
5 =VX023640.D 10 =VX023641.D 50 =VX023642.D 100 =VX023643.D 200 =VX023644.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.316	0.283	0.324	0.320	0.311	0.311	5.21
3)	T	Chloromethane	0.284	0.276	0.310	0.308	0.301	0.296	5.11
4)	S	Vinyl Chloride-d3	0.245	0.270	0.266	0.267	0.257	0.261	3.89
5)	T	Vinyl chloride	0.279	0.276	0.318	0.319	0.309	0.300	7.15
6)	T	Bromomethane	0.195	0.182	0.204	0.183	0.169	0.187	7.15
7)	S	Chloroethane-d5	0.198	0.219	0.222	0.224	0.207	0.214	5.11
8)	T	Chloroethane	0.181	0.179	0.196	0.200	0.197	0.190	5.08
9)	T	Trichlorofluorom...	0.472	0.466	0.529	0.528	0.523	0.504	6.32
10)	T	1,1,2-Trichloro-...	0.294	0.269	0.306	0.306	0.296	0.294	5.07
11)	S	1,1-Dichloroethe...	0.528	0.565	0.585	0.586	0.566	0.566	4.16
12)	T	1,1-Dichloroethene	0.232	0.229	0.272	0.273	0.267	0.254	8.70
13)	T	Acetone	0.280	0.226	0.225	0.195	0.179	0.221	17.45
14)	T	Carbon disulfide	0.452	0.445	0.533	0.559	0.568	0.511	11.51
15)	T	Methyl Acetate	0.348	0.336	0.390	0.390	0.380	0.369	6.88
16)	T	Methylene chloride	0.320	0.290	0.326	0.330	0.318	0.317	4.87
17)	T	trans-1,2-Dichlo...	0.251	0.249	0.282	0.286	0.279	0.269	6.70
18)	T	Methyl tert-buty...	0.921	0.901	1.053	1.065	1.052	0.998	8.03
19)	T	1,1-Dichloroethane	0.505	0.494	0.580	0.587	0.579	0.549	8.24
20)	T	cis-1,2-Dichloro...	0.294	0.295	0.347	0.347	0.343	0.325	8.64
21)	S	2-Butanone-d5	0.223	0.251	0.264	0.265	0.254	0.251	6.66
22)	T	2-Butanone	0.314	0.283	0.319	0.303	0.289	0.301	5.16
23)	T	Bromochloromethane	0.166	0.151	0.181	0.183	0.180	0.172	7.86
24)	S	Chloroform-d	0.535	0.586	0.611	0.617	0.602	0.590	5.59
25)	T	Chloroform	0.556	0.543	0.626	0.627	0.614	0.593	6.85
26)	S	1,2-Dichloroetha...	0.386	0.421	0.415	0.408	0.393	0.405	3.62
27)	T	1,2-Dichloroethane	0.422	0.438	0.512	0.515	0.504	0.478	9.30
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.440	0.449	0.510	0.512	0.495	0.481	7.14
30)	T	1,1,1-Trichloroe...	0.494	0.491	0.570	0.580	0.567	0.540	8.14
31)	T	Carbon tetrachlo...	0.404	0.398	0.483	0.492	0.491	0.454	10.59
32)	S	Benzene-d6	1.181	1.291	1.321	1.290	1.216	1.260	4.63
33)	T	Benzene	1.214	1.233	1.382	1.378	1.323	1.306	6.05
34)	T	Trichloroethene	0.339	0.321	0.367	0.365	0.355	0.349	5.63
35)	T	Methylcyclohexane	0.466	0.447	0.543	0.538	0.516	0.502	8.64
36)	S	1,2-Dichloroprop...	0.368	0.405	0.413	0.406	0.388	0.396	4.61
37)	T	1,2-Dichloropropane	0.330	0.326	0.384	0.382	0.370	0.358	7.92
38)	T	Bromodichloromet...	0.387	0.389	0.476	0.490	0.493	0.447	12.13
39)	T	cis-1,3-Dichloro...	0.432	0.443	0.569	0.589	0.589	0.525	15.21
40)	T	4-Methyl-2-penta...	0.507	0.519	0.634	0.631	0.596	0.577	10.54
41)	S	Toluene-d8	1.135	1.222	1.278	1.244	1.185	1.213	4.53
42)	T	Toluene	1.313	1.325	1.562	1.542	1.498	1.448	8.28
43)	S	trans-1,3-Dichlo...	0.158	0.176	0.198	0.202	0.203	0.188	10.66
44)	T	trans-1,3-Dichlo...	0.429	0.434	0.573	0.600	0.606	0.528	16.88
45)	T	1,1,2-Trichloroe...	0.334	0.334	0.389	0.387	0.376	0.364	7.57
46)	T	Tetrachloroethene	0.235	0.246	0.286	0.283	0.275	0.265	8.77
47)	S	2-Hexanone-d5	0.157	0.185	0.210	0.209	0.192	0.191	11.34
48)	T	2-Hexanone	0.448	0.436	0.508	0.487	0.452	0.466	6.48
49)	T	Dibromochloromet...	0.292	0.293	0.402	0.422	0.427	0.367	18.72
50)	T	1,2-Dibromoethane	0.329	0.330	0.401	0.405	0.398	0.373	10.52
51)	T	Chlorobenzene	0.888	0.888	1.020	1.022	0.992	0.962	7.14
52)	T	Ethylbenzene	1.407	1.422	1.699	1.717	1.680	1.585	9.86
53)	T	m,p-Xylene	0.524	0.525	0.658	0.658	0.657	0.604	12.04
54)	T	o-Xylene	0.503	0.540	0.652	0.659	0.657	0.602	12.46
55)	T	Styrene	0.823	0.868	1.117	1.131	1.132	1.014	15.29
56)	S	1,1,2,2-Tetrachl...	0.476	0.547	0.563	0.541	0.512	0.528	6.50

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57)	T	1,1,2,2-Tetrachl...	0.515	0.513	0.605	0.579	0.554	0.553	7.26
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.411	0.440	0.579	0.628	0.622	0.536	19.27
60)		Isopropylbenzene	3.050	3.062	3.617	3.671	3.568	3.393	9.15
61)		1,2,3-Trichlorop...	0.972	0.971	1.081	1.047	0.957	1.006	5.45
62)		1,3,5-Trimethylb...	2.435	2.416	2.966	2.996	2.917	2.746	10.71
63)		1,2,4-Trimethylb...	2.509	2.522	3.008	2.998	2.922	2.792	9.12
64)	T	1,3-Dichlorobenzene	1.346	1.375	1.582	1.582	1.527	1.482	7.68
65)	T	1,4-Dichlorobenzene	1.384	1.353	1.561	1.553	1.527	1.476	6.71
66)	S	1,2-Dichlorobenz...	0.810	0.901	0.912	0.899	0.864	0.877	4.74
67)	T	1,2-Dichlorobenzene	1.351	1.345	1.540	1.534	1.504	1.455	6.76
68)	T	1,2-Dibromo-3-ch...	0.184	0.195	0.248	0.266	0.278	0.234	18.13
69)		1,3,5-Trichlorob...	0.929	0.899	1.084	1.110	1.094	1.023	9.86
70)	T	1,2,4-trichlorob...	0.762	0.733	0.942	0.971	0.999	0.881	14.10
71)		Naphthalene	2.272	2.509	3.406	3.556	3.532	3.055	20.13
72)	T	1,2,3-Trichlorob...	0.780	0.778	0.965	0.997	1.020	0.908	13.16

(#) = Out of Range