Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : SFAMXLM112221WMA.M
Title : VOC Analysis
Last Update : Fri Nov 26 23:56:11 2021
Response Via : Initial Calibration

Calibration Files
5 =VX025249.D 10 =VX025250.D 50 =VX025343.D 100 =VX025252.D 200 =VX025253.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.297	0.294	0.302	0.288	0.286	0.293	2.32
3)	T	Chloromethane	0.323	0.309	0.302	0.288	0.292	0.303	4.54
4)	S	Vinyl Chloride-d3	0.336	0.362	0.338	0.337	0.333	0.341	3.49
5)	T	Vinyl chloride	0.355	0.350	0.365	0.349	0.348	0.354	1.94
6)	T	Bromomethane	0.231	0.219	0.206	0.139	0.130	0.185	25.58
7)	S	Chloroethane-d5	0.279	0.297	0.280	0.277	0.274	0.282	3.25
8)	T	Chloroethane	0.258	0.242	0.232	0.223	0.222	0.236	6.32
9)	T	Trichlorofluorom...	0.551	0.551	0.565	0.548	0.543	0.552	1.53
10)	T	1,1,2-Trichloro-...	0.293	0.285	0.297	0.286	0.288	0.290	1.72
11)	S	1,1-Dichloroethe...	0.556	0.550	0.539	0.535	0.541	0.544	1.59
12)	T	1,1-Dichloroethene	0.269	0.265	0.274	0.266	0.269	0.268	1.31
13)	T	Acetone	0.225	0.215	0.204	0.206	0.194	0.209	5.60
14)	T	Carbon disulfide	0.676	0.655	0.663	0.644	0.662	0.660	1.78
15)	T	Methyl Acetate	0.338	0.339	0.349	0.330	0.332	0.338	2.22
16)	T	Methylene chloride	0.320	0.315	0.313	0.300	0.305	0.311	2.55
17)	T	trans-1,2-Dichlo...	0.296	0.292	0.291	0.281	0.285	0.289	2.12
18)	T	Methyl tert-buty...	0.985	0.982	1.001	0.965	0.980	0.982	1.28
19)	T	1,1-Dichloroethane	0.499	0.518	0.536	0.512	0.523	0.518	2.65
20)	T	cis-1,2-Dichloro...	0.348	0.330	0.349	0.335	0.341	0.341	2.32
21)	S	2-Butanone-d5	0.245	0.257	0.258	0.254	0.255	0.254	2.12
22)	T	2-Butanone	0.280	0.275	0.280	0.275	0.271	0.276	1.32
23)	T	Bromochloromethane	0.178	0.181	0.187	0.176	0.178	0.180	2.28
24)	S	Chloroform-d	0.568	0.612	0.599	0.599	0.604	0.596	2.80
25)	T	Chloroform	0.572	0.560	0.575	0.553	0.557	0.563	1.73
26)	S	1,2-Dichloroetha...	0.387	0.382	0.366	0.360	0.363	0.372	3.22
27)	T	1,2-Dichloroethane	0.406	0.401	0.423	0.409	0.410	0.410	2.06
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.527	0.515	0.520	0.495	0.503	0.512	2.55
30)	T	1,1,1-Trichloroe...	0.554	0.554	0.570	0.540	0.542	0.552	2.17
31)	T	Carbon tetrachlo...	0.495	0.492	0.510	0.481	0.487	0.493	2.16
32)	S	Benzene-d6	1.311	1.372	1.330	1.305	1.308	1.325	2.10
33)	T	Benzene	1.334	1.341	1.373	1.308	1.324	1.336	1.82
34)	T	Trichloroethene	0.352	0.356	0.359	0.342	0.347	0.351	1.91
35)	T	Methylcyclohexane	0.552	0.547	0.567	0.547	0.552	0.553	1.49
36)	S	1,2-Dichloroprop...	0.415	0.421	0.409	0.404	0.403	0.410	1.87
37)	T	1,2-Dichloropropane	0.322	0.329	0.350	0.333	0.342	0.335	3.29
38)	T	Bromodichloromet...	0.465	0.456	0.478	0.464	0.470	0.467	1.74
39)	T	cis-1,3-Dichloro...	0.539	0.527	0.558	0.543	0.562	0.546	2.59
40)	T	4-Methyl-2-penta...	0.524	0.527	0.554	0.528	0.542	0.535	2.39
41)	S	Toluene-d8	1.250	1.302	1.246	1.225	1.231	1.251	2.44
42)	T	Toluene	1.453	1.478	1.522	1.447	1.465	1.473	2.02
43)	S	trans-1,3-Dichlo...	0.198	0.206	0.205	0.208	0.214	0.206	2.79
44)	T	trans-1,3-Dichlo...	0.493	0.501	0.546	0.532	0.551	0.524	5.01
45)	T	1,1,2-Trichloroe...	0.343	0.363	0.363	0.350	0.359	0.356	2.45
46)	T	Tetrachloroethene	0.301	0.294	0.307	0.294	0.294	0.298	1.97
47)	S	2-Hexanone-d5	0.194	0.221	0.217	0.215	0.220	0.214	5.33
48)	T	2-Hexanone	0.421	0.419	0.444	0.433	0.431	0.430	2.37
49)	T	Dibromochloromet...	0.393	0.394	0.427	0.414	0.422	0.410	3.85
50)	T	1,2-Dibromoethane	0.371	0.371	0.395	0.377	0.381	0.379	2.58
51)	T	Chlorobenzene	0.970	0.951	1.005	0.959	0.973	0.972	2.12
52)	T	Ethylbenzene	1.544	1.540	1.642	1.581	1.609	1.583	2.73
53)	T	m,p-Xylene	0.631	0.620	0.657	0.639	0.659	0.641	2.62
54)	T	o-Xylene	0.622	0.639	0.666	0.637	0.646	0.642	2.50
55)	T	Styrene	0.989	1.017	1.113	1.083	1.131	1.067	5.78
56)	S	1,1,2,2-Tetrachl...	0.549	0.595	0.585	0.578	0.592	0.580	3.15

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57)	T	1,1,2,2-Tetrachl...	0.539	0.542	0.562	0.543	0.559	0.549	1.98
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.624	0.596	0.641	0.611	0.612	0.617	2.69
60)		Isopropylbenzene	3.258	3.256	3.317	3.131	3.104	3.213	2.84
61)		1,2,3-Trichlorop...	0.863	0.877	0.883	0.830	0.823	0.855	3.21
62)		1,3,5-Trimethylb...	2.677	2.678	2.774	2.650	2.658	2.688	1.85
63)		1,2,4-Trimethylb...	2.689	2.737	2.803	2.681	2.667	2.716	2.05
64)	T	1,3-Dichlorobenzene	1.449	1.449	1.528	1.484	1.467	1.476	2.22
65)	T	1,4-Dichlorobenzene	1.491	1.493	1.527	1.461	1.480	1.490	1.61
66)	S	1,2-Dichlorobenz...	0.992	1.038	0.978	0.947	0.948	0.981	3.82
67)	T	1,2-Dichlorobenzene	1.513	1.500	1.543	1.448	1.455	1.492	2.69
68)	T	1,2-Dibromo-3-ch...	0.230	0.233	0.246	0.235	0.245	0.238	3.04
69)		1,3,5-Trichlorob...	1.031	1.064	1.111	1.069	1.093	1.073	2.83
70)	T	1,2,4-trichlorob...	0.767	0.829	0.963	0.970	0.983	0.902	10.87
71)		Naphthalene	2.424	2.726	3.436	3.345	3.360	3.058	14.88
72)	T	1,2,3-Trichlorob...	0.822	0.851	0.997	0.977	0.975	0.924	8.80

(#) = Out of Range