Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMUTR060625WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Mon Jun 09 11:34:08 2025
Response Via : Initial Calibration

Calibration Files
0.5 =VU063358.D 1 =VU063359.D 5 =VU063360.D 10 =VU063361.D 20 =VU063362.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.470	0.449	0.472	0.474	0.473	0.467	2.26
3)	T	Chloromethane	0.611	0.577	0.578	0.591	0.581	0.588	2.43
4)	S	Vinyl Chloride-d3	0.481	0.503	0.487	0.494	0.487	0.491	1.70
5)	T	Vinyl chloride	0.702	0.601	0.621	0.636	0.623	0.636	6.06
6)	T	Bromomethane	0.370	0.327	0.349	0.330	0.358	0.347	5.24
7)	S	Chloroethane-d5	0.384	0.396	0.382	0.396	0.362	0.384	3.70
8)	T	Chloroethane	0.403	0.371	0.384	0.393	0.391	0.388	3.00
9)	T	Trichlorofluorom...	0.768	0.685	0.728	0.723	0.706	0.722	4.23
10)	T	1,1,2-Trichloro-...	0.455	0.399	0.411	0.402	0.399	0.413	5.80
11)	S	1,1-Dichloroethe...	0.165	0.179	0.172	0.168	0.170	0.171	3.07
12)	T	1,1-Dichloroethene	0.404	0.358	0.384	0.394	0.393	0.386	4.52
13)	T	Acetone	0.090	0.074	0.069	0.071	0.070	0.075	11.79
14)	T	Carbon disulfide	1.513	1.246	1.320	1.334	1.317	1.346	7.39
15)	T	Methyl Acetate	0.225	0.180	0.185	0.198	0.198	0.197	8.75
16)	T	Methylene chloride	0.554	0.482	0.480	0.485	0.470	0.494	6.84
17)	T	Methyl tert-buty...	0.940	0.873	0.977	1.042	1.074	0.981	8.19
18)	T	trans-1,2-Dichlo...	0.468	0.409	0.421	0.434	0.430	0.432	5.10
19)	T	1,1-Dichloroethane	0.902	0.793	0.871	0.883	0.870	0.864	4.83
20)	S	2-Butanone-d5	0.085	0.096	0.107	0.117	0.117	0.104	12.93
21)	T	2-Butanone	0.104	0.096	0.115	0.127	0.127	0.114	12.32
22)	T	cis-1,2-Dichloro...	0.486	0.433	0.483	0.504	0.507	0.483	6.22
23)	T	Bromochloromethane	0.243	0.202	0.224	0.226	0.222	0.223	6.56
24)	S	Chloroform-d	0.696	0.771	0.789	0.800	0.787	0.768	5.45
25)	T	Chloroform	0.913	0.830	0.859	0.875	0.847	0.865	3.65
26)	S	1,2-Dichloroetha...	0.360	0.391	0.388	0.413	0.401	0.391	5.01
27)	T	1,2-Dichloroethane	0.591	0.529	0.548	0.560	0.554	0.556	4.09
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroe...	0.724	0.646	0.688	0.681	0.683	0.684	4.05
30)	T	Cyclohexane	0.647	0.609	0.724	0.764	0.809	0.711	11.58
31)	T	Carbon tetrachlo...	0.578	0.542	0.579	0.580	0.578	0.571	2.90
32)	S	Benzene-d6	1.362	1.452	1.554	1.596	1.571	1.507	6.49
33)	T	Benzene	1.870	1.716	1.955	1.977	1.979	1.899	5.87
34)	T	Trichloroethene	0.560	0.452	0.495	0.494	0.497	0.500	7.75
35)	T	Methylcyclohexane	0.635	0.610	0.712	0.759	0.800	0.703	11.44
36)	S	1,2-Dichloroprop...	0.464	0.474	0.521	0.528	0.522	0.502	6.01
37)	T	1,2-Dichloropropane	0.523	0.479	0.542	0.543	0.547	0.527	5.40
38)	T	Bromodichloromet...	0.646	0.594	0.630	0.625	0.622	0.623	3.05
39)	T	cis-1,3-Dichloro...	0.689	0.586	0.735	0.771	0.795	0.715	11.51
40)	T	4-Methyl-2-penta...	0.248	0.237	0.294	0.317	0.322	0.284	13.69
41)	S	Toluene-d8	1.086	1.178	1.357	1.383	1.398	1.280	10.92
42)	T	Toluene	1.752	1.735	2.065	2.139	2.137	1.966	10.43
43)	S	trans-1,3-Dichlo...	0.143	0.151	0.184	0.196	0.200	0.175	15.20
44)	T	trans-1,3-Dichlo...	0.548	0.476	0.603	0.633	0.656	0.583	12.36
45)	T	1,1,2-Trichloroe...	0.381	0.354	0.380	0.387	0.382	0.377	3.47
46)	S	2-Hexanone-d5	0.052	0.058	0.080	0.093	0.101	0.077	27.72
47)	T	Tetrachloroethene	0.349	0.328	0.367	0.366	0.366	0.355	4.79
48)	T	2-Hexanone	0.167	0.172	0.214	0.229	0.235	0.203	15.79
49)	T	Dibromochloromet...	0.398	0.391	0.399	0.410	0.418	0.403	2.71
50)	T	1,2-Dibromoethane	0.349	0.322	0.344	0.357	0.361	0.347	4.43
51)	T	Chlorobenzene	1.269	1.154	1.263	1.277	1.311	1.255	4.73
52)	T	Ethylbenzene	1.826	1.632	2.076	2.219	2.324	2.016	14.09
53)	T	m,p-Xylene	0.626	0.584	0.796	0.856	0.903	0.753	18.72
54)	T	o-Xylene	0.591	0.576	0.738	0.813	0.870	0.717	18.30
55)	T	Styrene	0.938	0.912	1.311	1.436	1.514	1.222	22.99

56)	S	1,1,2,2-Tetrachl...	0.395	0.414	0.440	0.465	0.464	0.435	7.08
57)	T	1,1,2,2-Tetrachl...	0.479	0.440	0.479	0.506	0.510	0.483	5.84
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.490	0.433	0.423	0.442	0.438	0.445	5.80
60)		Isopropylbenzene	3.326	3.046	3.624	3.857	3.923	3.555	10.36
61)		1,2,3-Trichlorop...	0.616	0.611	0.607	0.616	0.583	0.607	2.23
62)		1,3,5-Trimethylb...	2.455	2.241	2.727	3.054	3.231	2.742	14.93
63)		1,2,4-Trimethylb...	2.212	2.065	2.662	3.017	3.205	2.632	18.76
64)	T	1,3-Dichlorobenzene	1.869	1.625	1.735	1.794	1.791	1.763	5.13
65)	T	1,4-Dichlorobenzene	1.864	1.617	1.757	1.792	1.809	1.768	5.24
66)	S	1,2-Dichlorobenz...	0.802	0.787	0.832	0.880	0.886	0.837	5.33
67)	T	1,2-Dichlorobenzene	1.764	1.508	1.624	1.673	1.699	1.653	5.79
68)	T	1,2-Dibromo-3-ch...	0.089	0.115	0.120	0.124	0.131	0.116	14.08
69)	MA	1,3,5-Trichlorob...	1.130	1.069	1.147	1.235	1.278	1.172	7.16
70)	T	1,2,4-trichlorob...	0.886	0.773	0.894	0.990	1.078	0.924	12.45
71)	MA	Naphthalene	0.909	1.002	1.268	1.586	1.841	1.321	29.65
72)	T	1,2,3-Trichlorob...	0.777	0.718	0.819	0.915	0.976	0.841	12.38

(#) = Out of Range

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