Response Factor Report MSVOA_V

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : SFAMVTR060425WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Fri Jun 13 08:57:28 2025
Response Via : Initial Calibration

Calibration Files
0.5 =VV038746.D 1 =VV038747.D 5 =VV038748.D 10 =VV038749.D 20 =VV038750.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.720	0.713	0.645	0.639	0.623	0.668	6.72
3)	T	Chloromethane	0.871	0.855	0.728	0.711	0.686	0.770	11.20
4)	S	Vinyl Chloride-d3	0.777	0.665	0.715	0.681	0.663	0.700	6.81
5)	T	Vinyl chloride	0.772	0.791	0.702	0.702	0.683	0.730	6.58
6)	T	Bromomethane	0.426	0.394	0.340	0.336	0.330	0.365	11.68
7)	S	Chloroethane-d5	0.488	0.540	0.505	0.480	0.465	0.495	5.75
8)	T	Chloroethane	0.476	0.489	0.427	0.423	0.394	0.442	8.93
9)	T	Trichlorofluorom...	1.009	1.045	0.923	0.907	0.872	0.951	7.64
10)	T	1,1,2-Trichloro-...	0.566	0.578	0.529	0.532	0.511	0.543	5.16
11)	S	1,1-Dichloroethe...	0.340	0.266	0.280	0.267	0.264	0.283	11.34
12)	T	1,1-Dichloroethene	0.545	0.550	0.498	0.484	0.476	0.511	6.73
13)	T	Acetone	0.073	0.075	0.067	0.066	0.067	0.070	5.63
14)	T	Carbon disulfide	1.877	1.836	1.679	1.666	1.620	1.735	6.54
15)	T	Methyl Acetate	0.212	0.175	0.188	0.186	0.192	0.190	7.09
16)	T	Methylene chloride	0.699	0.619	0.526	0.520	0.506	0.574	14.41
17)	T	Methyl tert-buty...	0.843	0.858	0.906	0.991	1.061	0.932	9.93
18)	T	trans-1,2-Dichlo...	0.518	0.511	0.499	0.510	0.510	0.510	1.33
19)	T	1,1-Dichloroethane	1.045	1.062	0.982	1.012	0.988	1.018	3.43
20)	S	2-Butanone-d5	0.089	0.066	0.093	0.096	0.106	0.090	16.67
21)	T	2-Butanone	0.105	0.077	0.093	0.109	0.115	0.100	15.23
22)	T	cis-1,2-Dichloro...	0.457	0.477	0.501	0.538	0.562	0.507	8.47
23)	T	Bromochloromethane	0.213	0.245	0.227	0.229	0.230	0.229	5.03
24)	S	Chloroform-d	1.022	0.910	1.062	0.993	0.996	0.997	5.59
25)	T	Chloroform	1.036	1.075	0.992	0.992	0.967	1.012	4.26
26)	S	1,2-Dichloroetha...	0.442	0.445	0.473	0.452	0.459	0.454	2.74
27)	T	1,2-Dichloroethane	0.583	0.545	0.564	0.571	0.572	0.567	2.48
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	1,1,1-Trichloroe...	0.832	0.867	0.828	0.846	0.825	0.840	2.08
30)	T	Cyclohexane	0.626	0.655	0.773	0.889	0.941	0.777	17.87
31)	T	Carbon tetrachlo...	0.722	0.796	0.721	0.739	0.723	0.740	4.34
32)	S	Benzene-d6	1.549	1.585	1.960	1.938	1.960	1.799	11.79
33)	T	Benzene	1.631	1.960	2.030	2.119	2.092	1.966	10.03
34)	T	Trichloroethene	0.435	0.504	0.506	0.530	0.530	0.501	7.81
35)	T	Methylcyclohexane	0.633	0.706	0.785	0.892	0.945	0.792	16.24
36)	S	1,2-Dichloroprop...	0.496	0.546	0.589	0.571	0.595	0.559	7.21
37)	T	1,2-Dichloropropane	0.421	0.493	0.555	0.572	0.558	0.520	12.16
38)	T	Bromodichloromet...	0.689	0.699	0.658	0.672	0.670	0.678	2.42
39)	T	cis-1,3-Dichloro...	0.553	0.597	0.686	0.765	0.840	0.688	17.16
40)	T	4-Methyl-2-penta...	0.150	0.198	0.258	0.286	0.293	0.237	25.89
41)	S	Toluene-d8	1.210	1.278	1.789	1.772	1.793	1.568	18.96
42)	T	Toluene	1.493	1.799	2.146	2.271	2.261	1.994	17.01
43)	S	trans-1,3-Dichlo...	0.140	0.164	0.217	0.219	0.229	0.194	20.26
44)	T	trans-1,3-Dichlo...	0.468	0.509	0.593	0.648	0.679	0.579	15.49
45)	T	1,1,2-Trichloroe...	0.349	0.392	0.370	0.364	0.366	0.368	4.25
46)	S	2-Hexanone-d5	0.040	0.041	0.073	0.081	0.091	0.065	36.09
47)	T	Tetrachloroethene	0.362	0.388	0.388	0.407	0.392	0.387	4.17
48)	T	2-Hexanone	0.105	0.123	0.186	0.201	0.203	0.164	28.15
49)	T	Dibromochloromet...	0.369	0.422	0.410	0.419	0.422	0.408	5.54
50)	T	1,2-Dibromoethane	0.292	0.325	0.317	0.333	0.332	0.320	5.30
51)	T	Chlorobenzene	1.101	1.315	1.285	1.371	1.393	1.293	8.95
52)	T	Ethylbenzene	1.435	1.779	2.071	2.394	2.506	2.037	21.64
53)	T	m,p-Xylene	0.529	0.621	0.811	0.939	0.954	0.771	24.63
54)	T	o-Xylene	0.507	0.604	0.748	0.878	0.911	0.730	23.78
55)	T	Styrene	0.738	0.951	1.386	1.574	1.597	1.249	30.87
56)	S	1,1,2,2-Tetrachl...	0.394	0.390	0.423	0.409	0.416	0.407	3.49

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57)	T	1,1,2,2-Tetrachl...	0.392	0.435	0.421	0.431	0.429	0.422	4.06
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.413	0.410	0.379	0.381	0.374	0.392	4.80
60)	T	Isopropylbenzene	3.036	3.321	3.756	4.164	4.261	3.708	14.25
61)	T	1,2,3-Trichlorop...	0.565	0.551	0.531	0.509	0.501	0.531	5.11
62)	T	1,3,5-Trimethylb...	2.243	2.536	2.763	3.269	3.439	2.850	17.51
63)	T	1,2,4-Trimethylb...	2.197	2.435	2.861	3.341	3.424	2.852	18.97
64)	T	1,3-Dichlorobenzene	1.569	1.786	1.844	1.890	1.846	1.787	7.14
65)	T	1,4-Dichlorobenzene	1.807	1.875	1.869	1.947	1.881	1.876	2.65
66)	S	1,2-Dichlorobenz...	0.968	0.810	0.967	0.936	0.942	0.925	7.12
67)	T	1,2-Dichlorobenzene	1.517	1.620	1.656	1.723	1.681	1.639	4.76
68)	T	1,2-Dibromo-3-ch...	0.118	0.126	0.105	0.110	0.108	0.113	7.52
69)		1,3,5-Trichlorob...	1.091	1.178	1.130	1.202	1.191	1.159	4.02
70)	T	1,2,4-trichlorob...	0.858	0.900	0.840	0.948	1.010	0.911	7.60
71)		Naphthalene	1.185	1.322	1.352	1.623	1.873	1.471	18.73
72)	T	1,2,3-Trichlorob...	0.726	0.797	0.805	0.917	0.929	0.835	10.32

(#) = Out of Range