Response Factor Report VOC_U

Method Path : Z:\voasrv\HPCHEM1\MSVOA_U\Method\
Method File : SFAMUTR081821WMA.M
Title : TRACE VOA SFAM1.0
Last Update : Fri Aug 20 05:12:49 2021
Response Via : Initial Calibration

Calibration Files
0.5 =VU044442.D 1 =VU044443.D 5 =VU044460.D 10 =VU044445.D 20 =VU044446.D

		Compound	0.5	1	5	10	20	Avg	%RSD
1)	I	1,4-Difluorobenzene			ISTD				
2)	T	Dichlorodifluoro...	0.462	0.486	0.543	0.537	0.543	0.514	7.28
3)	T	Chloromethane	0.773	0.660	0.679	0.629	0.628	0.674	8.84
4)	S	Vinyl Chloride-d3	0.442	0.413	0.385	0.397	0.386	0.404	5.91
5)	T	Vinyl chloride	0.578	0.585	0.659	0.650	0.642	0.623	6.11
6)	T	Bromomethane	0.316	0.322	0.332	0.359	0.363	0.338	6.32
7)	S	Chloroethane-d5	0.378	0.351	0.341	0.343	0.345	0.351	4.28
8)	T	Chloroethane	0.363	0.369	0.390	0.389	0.392	0.381	3.54
9)	T	Trichlorofluorom...	0.663	0.669	0.738	0.744	0.745	0.712	5.90
10)	T	1,1,2-Trichloro-...	0.339	0.363	0.414	0.419	0.424	0.392	9.80
11)	S	1,1-Dichloroethe...	0.169	0.178	0.167	0.174	0.172	0.172	2.42
12)	T	1,1-Dichloroethene	0.342	0.367	0.398	0.408	0.407	0.384	7.53
13)	T	Acetone	0.114	0.096	0.087	0.084	0.084	0.093	13.68
14)	T	Carbon disulfide	1.121	1.152	1.288	1.321	1.349	1.246	8.26
15)	T	Methyl Acetate	0.134	0.151	0.173	0.139	0.162	0.152	10.69
16)	T	Methylene chloride	0.855	0.593	0.490	0.457	0.458	0.571	29.48
17)	T	Methyl tert-buty...	0.850	0.914	1.049	1.063	1.092	0.994	10.64
18)	T	trans-1,2-Dichlo...	0.343	0.377	0.418	0.433	0.432	0.400	9.84
19)	T	1,1-Dichloroethane	0.716	0.728	0.801	0.816	0.819	0.776	6.43
20)	S	2-Butanone-d5	0.103	0.112	0.109	0.117	0.118	0.112	5.51
21)	T	2-Butanone	0.114	0.128	0.136	0.142	0.142	0.132	9.07
22)	T	cis-1,2-Dichloro...	0.377	0.381	0.457	0.454	0.471	0.428	10.53
23)	T	Bromochloromethane	0.165	0.176	0.206	0.197	0.200	0.189	9.22
24)	S	Chloroform-d	0.736	0.734	0.697	0.690	0.718	0.715	2.92
25)	T	Chloroform	0.735	0.767	0.814	0.848	0.818	0.796	5.63
26)	S	1,2-Dichloroetha...	0.414	0.400	0.375	0.385	0.376	0.390	4.34
27)	T	1,2-Dichloroethane	0.483	0.499	0.560	0.557	0.556	0.531	7.00
28)	I	Chlorobenzene-d5			ISTD				
29)	T	1,1,1-Trichloroe...	0.519	0.594	0.656	0.679	0.681	0.626	11.08
30)	T	Cyclohexane	0.549	0.618	0.726	0.765	0.802	0.692	15.21
31)	T	Carbon tetrachlo...	0.445	0.478	0.537	0.555	0.557	0.514	9.82
32)	S	Benzene-d6	1.374	1.420	1.365	1.450	1.430	1.408	2.61
33)	T	Benzene	1.455	1.561	1.793	1.835	1.837	1.696	10.41
34)	T	Trichloroethene	0.364	0.392	0.427	0.456	0.457	0.419	9.73
35)	T	Methylcyclohexane	0.548	0.627	0.732	0.780	0.809	0.699	15.61
36)	S	1,2-Dichloroprop...	0.443	0.465	0.434	0.457	0.452	0.450	2.70
37)	T	1,2-Dichloropropane	0.374	0.420	0.463	0.484	0.480	0.444	10.48
38)	T	Bromodichloromet...	0.468	0.508	0.575	0.588	0.588	0.545	10.01
39)	T	cis-1,3-Dichloro...	0.492	0.550	0.649	0.706	0.717	0.623	15.81
40)	T	4-Methyl-2-penta...	0.232	0.274	0.320	0.342	0.341	0.302	15.83
41)	S	Toluene-d8	1.191	1.249	1.205	1.307	1.290	1.248	4.07
42)	T	Toluene	1.457	1.619	1.845	1.952	1.961	1.767	12.52
43)	S	trans-1,3-Dichlo...	0.144	0.155	0.161	0.172	0.178	0.162	8.33
44)	T	trans-1,3-Dichlo...	0.399	0.465	0.556	0.596	0.623	0.528	17.71
45)	T	1,1,2-Trichloroe...	0.255	0.303	0.337	0.348	0.340	0.317	12.16
46)	S	2-Hexanone-d5	0.070	0.082	0.085	0.099	0.101	0.087	14.48
47)	T	Tetrachloroethene	0.250	0.269	0.298	0.317	0.316	0.290	10.19
48)	T	2-Hexanone	0.168	0.186	0.227	0.247	0.248	0.215	16.90
49)	T	Dibromochloromet...	0.266	0.296	0.356	0.378	0.380	0.335	15.30
50)	T	1,2-Dibromoethane	0.250	0.298	0.316	0.326	0.325	0.303	10.50
51)	T	Chlorobenzene	0.956	1.007	1.124	1.169	1.166	1.084	8.97
52)	T	Ethylbenzene	1.475	1.665	1.963	2.096	2.134	1.867	15.34
53)	T	m,p-Xylene	0.539	0.598	0.751	0.808	0.813	0.702	17.90
54)	T	o-Xylene	0.507	0.597	0.737	0.784	0.793	0.684	18.46
55)	T	Styrene	0.766	0.893	1.190	1.369	1.385	1.121	25.00
56)	S	1,1,2,2-Tetrachl...	0.380	0.379	0.364	0.390	0.385	0.379	2.56

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57)	T	1,1,2,2-Tetrachl...	0.334	0.392	0.450	0.459	0.451	0.417	12.88
58)	I	1,4-Dichlorobenzen...	-----------------ISTD---------------------						
59)	T	Bromoform	0.299	0.317	0.374	0.379	0.398	0.353	12.14
60)		Isopropylbenzene	3.048	3.262	3.838	4.005	4.092	3.649	12.78
61)		1,2,3-Trichlorop...	0.586	0.606	0.639	0.648	0.644	0.625	4.35
62)		1,3,5-Trimethylb...	2.314	2.549	3.161	3.376	3.519	2.984	17.65
63)		1,2,4-Trimethylb...	2.338	2.545	3.281	3.501	3.633	3.060	19.05
64)	T	1,3-Dichlorobenzene	1.403	1.481	1.681	1.720	1.726	1.602	9.35
65)	T	1,4-Dichlorobenzene	1.463	1.504	1.669	1.712	1.746	1.619	7.88
66)	S	1,2-Dichlorobenz...	0.827	0.880	0.806	0.860	0.850	0.845	3.38
67)	T	1,2-Dichlorobenzene	1.339	1.393	1.615	1.635	1.654	1.527	9.74
68)	T	1,2-Dibromo-3-ch...	0.102	0.117	0.132	0.140	0.148	0.128	14.24
69)	MA	1,3,5-Trichlorob...	0.949	1.009	1.153	1.246	1.283	1.128	12.92
70)	T	1,2,4-trichlorob...	0.650	0.729	0.921	1.028	1.093	0.884	21.51
71)	MA	Naphthalene	1.054	1.225	1.748	2.098	2.305	1.686	32.05
72)	T	1,2,3-Trichlorob...	0.588	0.649	0.858	0.953	0.999	0.810	22.57

(#) = Out of Range