Response Factor Report MSVOA_V

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
Method File : SFAMVLM060925WMA.M
Title : VOC Analysis
Last Update : Tue Jun 10 09:06:39 2025
Response Via : Initial Calibration

Calibration Files
5 =VV038763.D 10 =VV038764.D 50 =VV038765.D 100 =VV038766.D 200 =VV038767.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.782	0.571	0.538	0.541	0.506	0.587	18.93
3)	T	Chloromethane	0.796	0.565	0.536	0.551	0.520	0.594	19.27
4)	S	Vinyl Chloride-d3	0.490	0.415	0.391	0.399	0.384	0.416	10.33
5)	T	Vinyl chloride	0.786	0.602	0.566	0.574	0.540	0.614	16.12
6)	T	Bromomethane	0.414	0.295	0.282	0.284	0.249	0.305	20.80
7)	S	Chloroethane-d5	0.481	0.377	0.353	0.355	0.337	0.381	15.20
8)	T	Chloroethane	0.500	0.344	0.339	0.340	0.319	0.369	20.17
9)	T	Trichlorofluorom...	1.102	0.764	0.743	0.741	0.699	0.810	20.41
10)	T	1,1,2-Trichloro-...	0.669	0.447	0.431	0.440	0.410	0.479	22.34
11)	S	1,1-Dichloroethe...	0.243	0.214	0.186	0.193	0.186	0.205	11.95
12)	T	1,1-Dichloroethene	0.563	0.423	0.392	0.401	0.382	0.432	17.24
13)	T	Acetone	0.269	0.214	0.219	0.187	0.203	0.219	14.11
14)	T	Carbon disulfide	1.772	1.241	1.219	1.216	1.155	1.321	19.25
15)	T	Methyl Acetate	0.697	0.537	0.553	0.563	0.553	0.581	11.27
16)	T	Methylene chloride	0.670	0.490	0.461	0.460	0.431	0.502	19.14
17)	T	trans-1,2-Dichlo...	0.530	0.404	0.412	0.423	0.402	0.434	12.49
18)	T	Methyl tert-buty...	1.442	1.139	1.267	1.356	1.338	1.308	8.67
19)	T	1,1-Dichloroethane	1.172	0.857	0.836	0.842	0.806	0.903	16.82
20)	T	cis-1,2-Dichloro...	0.542	0.396	0.453	0.474	0.468	0.467	11.14
21)	S	2-Butanone-d5	0.287	0.280	0.329	0.360	0.365	0.324	12.24
22)	T	2-Butanone	0.369	0.287	0.350	0.350	0.361	0.343	9.51
23)	T	Bromochloromethane	0.314	0.224	0.239	0.240	0.228	0.249	14.73
24)	S	Chloroform-d	1.050	0.873	0.836	0.849	0.821	0.886	10.61
25)	T	Chloroform	1.154	0.836	0.828	0.831	0.796	0.889	16.76
26)	S	1,2-Dichloroetha...	0.560	0.502	0.509	0.513	0.502	0.517	4.70
27)	T	1,2-Dichloroethane	0.831	0.605	0.637	0.652	0.633	0.672	13.52
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.691	0.607	0.729	0.779	0.768	0.715	9.73
30)	T	1,1,1-Trichloroe...	0.916	0.704	0.694	0.695	0.669	0.736	13.83
31)	T	Carbon tetrachlo...	0.801	0.609	0.598	0.601	0.583	0.638	14.30
32)	S	Benzene-d6	1.572	1.512	1.594	1.628	1.582	1.578	2.68
33)	T	Benzene	1.968	1.646	1.732	1.757	1.691	1.759	7.08
34)	T	Trichloroethene	0.565	0.432	0.445	0.450	0.440	0.466	11.94
35)	T	Methylcyclohexane	0.769	0.613	0.732	0.779	0.764	0.731	9.34
36)	S	1,2-Dichloroprop...	0.568	0.493	0.510	0.527	0.522	0.524	5.37
37)	T	1,2-Dichloropropane	0.628	0.449	0.485	0.497	0.475	0.507	13.78
38)	T	Bromodichloromet...	0.834	0.616	0.619	0.619	0.599	0.657	15.08
39)	T	cis-1,3-Dichloro...	0.715	0.589	0.740	0.801	0.796	0.728	11.82
40)	T	4-Methyl-2-penta...	0.631	0.587	0.735	0.772	0.738	0.693	11.41
41)	S	Toluene-d8	1.311	1.287	1.443	1.476	1.449	1.393	6.27
42)	T	Toluene	1.908	1.625	1.853	1.884	1.809	1.816	6.21
43)	S	trans-1,3-Dichlo...	0.198	0.217	0.233	0.246	0.249	0.228	9.31
44)	T	trans-1,3-Dichlo...	0.700	0.592	0.708	0.763	0.750	0.703	9.63
45)	T	1,1,2-Trichloroe...	0.636	0.465	0.465	0.469	0.448	0.497	15.78
46)	T	Tetrachloroethene	0.415	0.316	0.328	0.333	0.322	0.343	11.99
47)	S	2-Hexanone-d5	0.151	0.164	0.237	0.268	0.267	0.217	25.79
48)	T	2-Hexanone	0.451	0.407	0.582	0.567	0.558	0.513	15.34
49)	T	Dibromochloromet...	0.622	0.461	0.477	0.489	0.473	0.505	13.19
50)	T	1,2-Dibromoethane	0.629	0.456	0.488	0.500	0.479	0.510	13.40
51)	T	Chlorobenzene	1.444	1.137	1.173	1.203	1.169	1.225	10.16
52)	T	Ethylbenzene	2.014	1.625	1.973	2.114	2.053	1.956	9.82
53)	T	m,p-Xylene	0.680	0.569	0.754	0.802	0.785	0.718	13.30
54)	T	o-Xylene	0.676	0.550	0.710	0.775	0.762	0.695	12.99
55)	T	Styrene	1.066	0.957	1.318	1.377	1.330	1.210	15.40
56)	S	1,1,2,2-Tetrachl...	0.861	0.750	0.753	0.777	0.746	0.777	6.21

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57)	T	1,1,2,2-Tetrachl...	1.019	0.746	0.778	0.797	0.759	0.820	13.76
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.916	0.641	0.636	0.655	0.639	0.698	17.52
60)		Isopropylbenzene	3.679	2.966	3.550	3.844	3.768	3.561	9.83
61)		1,2,3-Trichlorop...	1.636	1.157	1.116	1.126	1.076	1.222	19.07
62)		1,3,5-Trimethylb...	2.764	2.135	2.790	3.113	3.054	2.771	14.01
63)		1,2,4-Trimethylb...	2.642	2.051	2.825	3.097	3.074	2.738	15.60
64)	T	1,3-Dichlorobenzene	1.949	1.560	1.634	1.702	1.664	1.702	8.68
65)	T	1,4-Dichlorobenzene	2.232	1.748	1.718	1.764	1.696	1.832	12.31
66)	S	1,2-Dichlorobenz...	1.083	0.917	0.914	0.977	0.962	0.970	7.07
67)	T	1,2-Dichlorobenzene	2.110	1.545	1.624	1.681	1.635	1.719	13.03
68)	T	1,2-Dibromo-3-ch...	0.465	0.304	0.312	0.331	0.334	0.349	18.95
69)		1,3,5-Trichlorob...	1.342	0.985	1.044	1.125	1.129	1.125	12.06
70)	T	1,2,4-trichlorob...	1.026	0.802	0.912	1.013	1.056	0.962	10.86
71)		Naphthalene	3.163	2.488	3.466	3.910	4.059	3.417	18.42
72)	T	1,2,3-Trichlorob...	1.068	0.837	0.987	1.062	1.063	1.003	9.85

(#) = Out of Range