Response Factor Report MSVOA_X

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
Method File : SFAMXLM102821WMA.M
Title : VOC Analysis
Last Update : Thu Oct 28 04:48:27 2021
Response Via : Initial Calibration

Calibration Files
5 =VX024978.D 10 =VX024979.D 50 =VX024980.D 100 =VX024981.D 200 =VX024982.D

		Compound	5	10	50	100	200	Avg	%RSD
1)	I	1,4-Difluorobenzene	----------ISTD----------						
2)	T	Dichlorodifluoro...	0.422	0.430	0.482	0.478	0.477	0.458	6.37
3)	T	Chloromethane	0.106	0.139	0.137	0.142	0.144	0.134	11.63
4)	S	Vinyl Chloride-d3	0.185	0.199	0.190	0.184	0.190	0.190	3.07
5)	T	Vinyl chloride	0.150	0.177	0.194	0.196	0.198	0.183	11.01
6)	T	Bromomethane	0.129	0.153	0.149	0.153	0.156	0.148	7.34
7)	S	Chloroethane-d5	0.134	0.140	0.130	0.119	0.122	0.129	6.61
8)	T	Chloroethane	0.106	0.099	0.109	0.098	0.098	0.102	5.04
9)	T	Trichlorofluorom...	0.621	0.580	0.668	0.679	0.674	0.644	6.62
10)	T	1,1,2-Trichloro-...	0.317	0.327	0.363	0.371	0.390	0.354	8.60
11)	S	1,1-Dichloroethe...	0.547	0.606	0.611	0.630	0.648	0.608	6.28
12)	T	1,1-Dichloroethene	0.241	0.281	0.307	0.303	0.314	0.289	10.29
13)	T	Acetone	0.137	0.133	0.137	0.130	0.132	0.134	2.27
14)	T	Carbon disulfide	0.641	0.631	0.750	0.757	0.804	0.717	10.68
15)	T	Methyl Acetate	0.208	0.210	0.228	0.234	0.241	0.224	6.46
16)	T	Methylene chloride	0.314	0.307	0.326	0.331	0.341	0.324	4.18
17)	T	trans-1,2-Dichlo...	0.266	0.287	0.320	0.325	0.340	0.307	9.82
18)	T	Methyl tert-buty...	1.035	1.099	1.207	1.234	1.273	1.170	8.50
19)	T	1,1-Dichloroethane	0.475	0.558	0.587	0.602	0.610	0.566	9.71
20)	T	cis-1,2-Dichloro...	0.341	0.321	0.362	0.378	0.391	0.359	7.79
21)	S	2-Butanone-d5	0.172	0.185	0.191	0.190	0.191	0.186	4.49
22)	T	2-Butanone	0.145	0.159	0.187	0.185	0.185	0.172	11.03
23)	T	Bromochloromethane	0.176	0.191	0.195	0.203	0.205	0.194	5.90
24)	S	Chloroform-d	0.773	0.798	0.814	0.822	0.839	0.809	3.11
25)	T	Chloroform	0.677	0.713	0.781	0.797	0.817	0.757	7.83
26)	S	1,2-Dichloroetha...	0.493	0.515	0.516	0.519	0.525	0.513	2.36
27)	T	1,2-Dichloroethane	0.503	0.565	0.597	0.602	0.620	0.577	7.95
28)	I	Chlorobenzene-d5	----------ISTD----------						
29)	T	Cyclohexane	0.333	0.415	0.480	0.491	0.502	0.444	15.95
30)	T	1,1,1-Trichloroe...	0.713	0.793	0.873	0.896	0.917	0.838	10.06
31)	T	Carbon tetrachlo...	0.628	0.691	0.775	0.798	0.831	0.745	11.19
32)	S	Benzene-d6	1.239	1.353	1.374	1.341	1.346	1.331	3.96
33)	T	Benzene	1.199	1.299	1.414	1.395	1.452	1.352	7.58
34)	T	Trichloroethene	0.386	0.413	0.455	0.463	0.481	0.440	8.86
35)	T	Methylcyclohexane	0.485	0.509	0.633	0.654	0.662	0.589	14.36
36)	S	1,2-Dichloroprop...	0.387	0.414	0.408	0.395	0.401	0.401	2.67
37)	T	1,2-Dichloropropane	0.274	0.332	0.339	0.340	0.344	0.326	9.04
38)	T	Bromodichloromet...	0.487	0.558	0.625	0.644	0.678	0.599	12.71
39)	T	cis-1,3-Dichloro...	0.498	0.528	0.650	0.646	0.685	0.601	13.80
40)	T	4-Methyl-2-penta...	0.310	0.344	0.376	0.371	0.375	0.355	8.03
41)	S	Toluene-d8	1.281	1.326	1.404	1.376	1.384	1.354	3.68
42)	T	Toluene	1.345	1.456	1.661	1.670	1.701	1.566	10.04
43)	S	trans-1,3-Dichlo...	0.232	0.235	0.269	0.269	0.280	0.257	8.56
44)	T	trans-1,3-Dichlo...	0.496	0.570	0.685	0.696	0.727	0.635	15.37
45)	T	1,1,2-Trichloroe...	0.348	0.366	0.416	0.409	0.414	0.391	8.05
46)	T	Tetrachloroethene	0.256	0.304	0.324	0.326	0.342	0.310	10.70
47)	S	2-Hexanone-d5	0.168	0.172	0.198	0.200	0.199	0.187	8.44
48)	T	2-Hexanone	0.232	0.255	0.297	0.297	0.297	0.276	11.08
49)	T	Dibromochloromet...	0.385	0.449	0.508	0.525	0.563	0.486	14.39
50)	T	1,2-Dibromoethane	0.378	0.423	0.467	0.475	0.492	0.447	10.33
51)	T	Chlorobenzene	0.856	0.958	1.048	1.055	1.108	1.005	9.88
52)	T	Ethylbenzene	1.529	1.631	1.952	1.946	2.022	1.816	12.13
53)	T	m,p-Xylene	0.562	0.600	0.687	0.700	0.723	0.654	10.63
54)	T	o-Xylene	0.557	0.587	0.682	0.677	0.710	0.643	10.33
55)	T	Styrene	0.823	0.985	1.144	1.158	1.200	1.062	14.73

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56)	S	1,1,2,2-Tetrachl...	0.569	0.604	0.633	0.621	0.616	0.609	4.01
57)	T	1,1,2,2-Tetrachl...	0.550	0.568	0.616	0.605	0.634	0.595	5.81
58)	I	1,4-Dichlorobenzen...	----------ISTD----------						
59)	T	Bromoform	0.477	0.566	0.674	0.693	0.704	0.623	15.77
60)		Isopropylbenzene	3.217	3.585	3.914	3.966	3.873	3.711	8.44
61)		1,2,3-Trichlorop...	1.041	1.051	1.059	1.064	1.011	1.045	1.98
62)		1,3,5-Trimethylb...	2.649	3.114	3.452	3.555	3.468	3.248	11.54
63)		1,2,4-Trimethylb...	2.754	3.042	3.482	3.527	3.434	3.248	10.36
64)	T	1,3-Dichlorobenzene	1.362	1.452	1.629	1.670	1.630	1.549	8.64
65)	T	1,4-Dichlorobenzene	1.409	1.447	1.583	1.658	1.648	1.549	7.43
66)	S	1,2-Dichlorobenz...	0.968	1.102	1.013	1.040	1.002	1.025	4.87
67)	T	1,2-Dichlorobenzene	1.292	1.495	1.601	1.685	1.638	1.542	10.12
68)	T	1,2-Dibromo-3-ch...	0.271	0.346	0.342	0.363	0.347	0.334	10.71
69)		1,3,5-Trichlorob...	0.906	0.938	1.154	1.217	1.174	1.078	13.40
70)	T	1,2,4-trichlorob...	0.655	0.785	1.004	1.074	1.054	0.915	20.24
71)		Naphthalene	1.838	2.620	3.643	3.876	3.768	3.149	28.20
72)	T	1,2,3-Trichlorob...	0.708	0.798	1.051	1.080	1.078	0.943	18.74

(#) = Out of Range