

Method Path : Z:\voasrv\HPCHEM1\MSVOA_V\Method\
 Method File : SFAMVTR012921WMA.M
 Title : TRACE VOA SFAM1.0
 Last Update : Thu Jan 28 12:11:07 2021
 Response Via : Initial Calibration

Calibration Files

0.5 =VV020207.D 1 =VV020208.D 5 =VV020209.D 10 =VV020210.D 20 =VV020211.D

Compound		0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.521	0.504	0.483	0.460	0.493	0.492	4.69
3) T	Chloromethane	0.538	0.512	0.453	0.446	0.464	0.483	8.36
4) S	Vinyl Chloride-d3	0.351	0.365	0.364	0.345	0.345	0.354	2.81
5) T	Vinyl chloride	0.499	0.488	0.442	0.430	0.455	0.463	6.41
6) T	Bromomethane	0.303	0.272	0.252	0.247	0.262	0.267	8.41
7) S	Chloroethane-d5	0.316	0.322	0.306	0.293	0.290	0.305	4.59
8) T	Chloroethane	0.279	0.294	0.262	0.260	0.266	0.272	5.15
9) T	Trichlorofluorom...	0.604	0.518	0.545	0.544	0.562	0.555	5.73
10) T	1,1,2-Trichloro-...	0.327	0.323	0.270	0.256	0.253	0.286	12.68
11) S	1,1-Dichloroethe...	0.552	0.569	0.479	0.454	0.417	0.494	13.14
12) T	1,1-Dichloroethene	0.312	0.318	0.266	0.250	0.240	0.277	12.91
13) T	Acetone	0.041	0.045	0.042	0.044	0.033	0.041	11.35
14) T	Carbon disulfide	1.172	1.136	1.042	1.034	0.841	1.045	12.31
15) T	Methyl Acetate	0.101	0.126	0.111	0.120	0.146	0.121	14.01
16) T	Methylene chloride	0.427	0.394	0.344	0.336	0.353	0.371	10.37
17) T	Methyl tert-buty...	0.770	0.763	0.730	0.729	0.830	0.764	5.36
18) T	trans-1,2-Dichlo...	0.382	0.391	0.351	0.347	0.366	0.368	5.19
19) T	1,1-Dichloroethane	0.710	0.669	0.634	0.627	0.654	0.659	5.06
20) S	2-Butanone-d5	0.066	0.067	0.074	0.072	0.084	0.073	10.03
21) T	2-Butanone	0.072	0.079	0.074	0.075	0.092	0.078	9.97
22) T	cis-1,2-Dichloro...	0.390	0.390	0.360	0.365	0.389	0.379	3.92
23) T	Bromochloromethane	0.168	0.160	0.165	0.159	0.173	0.165	3.51
24) S	Chloroform-d	0.707	0.684	0.696	0.662	0.675	0.685	2.57
25) T	Chloroform	0.722	0.698	0.660	0.647	0.677	0.681	4.42
26) S	1,2-Dichloroetha...	0.344	0.350	0.340	0.326	0.337	0.339	2.59
27) T	1,2-Dichloroethane	0.402	0.426	0.393	0.387	0.422	0.406	4.29

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroe...	0.626	0.661	0.604	0.610	0.626	0.625	3.57
30) T	Cyclohexane	0.596	0.613	0.585	0.575	0.618	0.597	3.04
31) T	Carbon tetrachlo...	0.571	0.557	0.528	0.529	0.556	0.548	3.42
32) S	Benzene-d6	1.306	1.370	1.360	1.313	1.303	1.331	2.42
33) T	Benzene	1.497	1.536	1.437	1.434	1.473	1.475	2.91
34) T	Trichloroethene	0.433	0.431	0.393	0.386	0.400	0.409	5.35
35) T	Methylcyclohexane	0.614	0.605	0.613	0.606	0.647	0.617	2.82
36) S	1,2-Dichloroprop...	0.372	0.403	0.403	0.390	0.395	0.393	3.24
37) T	1,2-Dichloropropane	0.379	0.342	0.351	0.350	0.366	0.358	4.06
38) T	Bromodichloromet...	0.480	0.479	0.443	0.458	0.483	0.469	3.79
39) T	cis-1,3-Dichloro...	0.432	0.477	0.497	0.521	0.565	0.499	9.97
40) T	4-Methyl-2-penta...	0.191	0.192	0.193	0.195	0.223	0.199	6.85
41) S	Toluene-d8	1.172	1.250	1.259	1.243	1.228	1.230	2.82
42) T	Toluene	1.544	1.589	1.552	1.567	1.607	1.572	1.66
43) S	trans-1,3-Dichlo...	0.126	0.140	0.149	0.153	0.164	0.146	9.70
44) T	trans-1,3-Dichlo...	0.374	0.395	0.409	0.431	0.481	0.418	9.84
45) T	1,1,2-Trichloroe...	0.264	0.246	0.238	0.241	0.261	0.250	4.80
46) S	2-Hexanone-d5	0.051	0.054	0.062	0.063	0.074	0.061	14.82
47) T	Tetrachloroethene	0.364	0.371	0.337	0.333	0.345	0.350	4.81
48) T	2-Hexanone	0.126	0.131	0.136	0.138	0.159	0.138	9.09
49) T	Dibromochloromet...	0.279	0.294	0.287	0.302	0.332	0.299	6.90
50) T	1,2-Dibromoethane	0.237	0.240	0.230	0.233	0.256	0.239	4.25
51) T	Chlorobenzene	1.082	1.071	0.983	0.998	1.047	1.036	4.24
52) T	Ethylbenzene	1.750	1.791	1.706	1.744	1.808	1.760	2.30
53) T	m,p-xylene	0.626	0.657	0.644	0.660	0.694	0.656	3.81
54) T	o-xylene	0.603	0.633	0.626	0.636	0.677	0.635	4.20
55) T	Styrene	0.992	1.041	1.069	1.102	1.175	1.076	6.37
56) S	1,1,2,2-Tetrachl...	0.228	0.267	0.293	0.285	0.254	0.265	9.77

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57) T	1,1,2,2-Tetrachl...	0.236	0.282	0.279	0.279	0.261	0.267	7.29
58) I	1,4-Dichlorobenzen...	-----ISTD-----						
59) T	Bromoform	0.268	0.287	0.280	0.287	0.333	0.291	8.49
60) T	Isopropylbenzene	3.079	3.154	3.023	2.988	2.697	2.988	5.84
61) T	1,2,3-Trichlorop...	0.332	0.380	0.363	0.351	0.325	0.350	6.40
62) T	1,3,5-Trimethylb...	2.235	2.452	2.486	2.529	2.654	2.471	6.18
63) T	1,2,4-Trimethylb...	2.400	2.420	2.544	2.588	2.712	2.533	5.06
64) T	1,3-Dichlorobenzene	1.651	1.599	1.489	1.498	1.544	1.556	4.41
65) T	1,4-Dichlorobenzene	1.719	1.628	1.492	1.493	1.539	1.574	6.23
66) S	1,2-Dichlorobenz...	0.888	0.901	0.898	0.802	0.864	0.871	4.72
67) T	1,2-Dichlorobenzene	1.442	1.451	1.378	1.336	1.436	1.409	3.51
68) T	1,2-Dibromo-3-ch...	0.085	0.082	0.074	0.079	0.092	0.083	8.20
69)	1,3,5-Trichlorob...	1.439	1.330	1.261	1.303	1.370	1.341	5.07
70) T	1,2,4-trichlorob...	1.097	1.034	1.056	1.079	1.173	1.088	4.91
71)	Naphthalene	1.212	1.303	1.471	1.577	1.838	1.480	16.58
72) T	1,2,3-Trichlorob...	0.953	0.983	0.932	0.953	0.995	0.963	2.66

(#) = Out of Range