

Method Path : Z:\voasrv\HPCHEM1\MSVOA_X\Method\
 Method File : SFAMXTR081921WMA.M
 Title : TRACE VOA SFAM1.0
 Last Update : Sat Aug 21 04:11:10 2021
 Response Via : Initial Calibration

Calibration Files

0.5 =VX023831.D 1 =VX023832.D 5 =VX023868.D 10 =VX023834.D 20 =VX023835.D

Compound		0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoro...	0.471	0.389	0.523	0.552	0.508	0.489	12.84
3) T	Chloromethane	0.382	0.340	0.424	0.443	0.412	0.400	10.04
4) S	Vinyl Chloride-d3	0.208	0.179	0.190	0.207	0.194	0.195	6.13
5) T	Vinyl chloride	0.388	0.333	0.441	0.461	0.433	0.411	12.44
6) T	Bromomethane	0.244	0.209	0.269	0.294	0.277	0.258	12.84
7) S	Chloroethane-d5	0.232	0.224	0.232	0.262	0.248	0.239	6.42
8) T	Chloroethane	0.246	0.222	0.256	0.271	0.251	0.249	7.22
9) T	Trichlorofluorom...	0.597	0.519	0.673	0.721	0.680	0.638	12.53
10) T	1,1,2-Trichloro-...	0.337	0.271	0.375	0.393	0.368	0.349	13.74
11) S	1,1-Dichloroethe...	0.571	0.511	0.597	0.641	0.606	0.585	8.28
12) T	1,1-Dichloroethene	0.314	0.283	0.348	0.368	0.340	0.330	9.95
13) T	Acetone	0.046	0.046	0.049	0.058	0.048	0.049	10.11
14) T	Carbon disulfide	0.818	0.687	0.936	1.016	0.982	0.888	15.22
15) T	Methyl Acetate	0.121	0.121	0.131	0.153	0.129	0.131	10.02
16) T	Methylene chloride	0.719	0.364	0.368	0.386	0.349	0.437	36.12
17) T	Methyl tert-buty...	0.641	0.623	0.768	0.882	0.769	0.737	14.42
18) T	trans-1,2-Dichlo...	0.313	0.285	0.362	0.388	0.362	0.342	12.28
19) T	1,1-Dichloroethane	0.571	0.501	0.648	0.694	0.646	0.612	12.42
20) S	2-Butanone-d5	0.072	0.077	0.075	0.094	0.078	0.079	11.22
21) T	2-Butanone	0.071	0.073	0.083	0.101	0.085	0.083	14.50
22) T	cis-1,2-Dichloro...	0.336	0.297	0.390	0.420	0.390	0.367	13.46
23) T	Bromochloromethane	0.136	0.138	0.167	0.184	0.164	0.158	13.16
24) S	Chloroform-d	0.648	0.589	0.681	0.746	0.699	0.673	8.73
25) T	Chloroform	0.644	0.545	0.688	0.730	0.672	0.656	10.59
26) S	1,2-Dichloroetha...	0.384	0.363	0.341	0.384	0.345	0.363	5.72
27) T	1,2-Dichloroethane	0.356	0.340	0.421	0.472	0.422	0.402	13.35

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroe...	0.536	0.491	0.658	0.675	0.658	0.604	13.96
30) T	Cyclohexane	0.511	0.475	0.659	0.697	0.680	0.604	17.10
31) T	Carbon tetrachlo...	0.431	0.409	0.565	0.600	0.589	0.519	17.60
32) S	Benzene-d6	1.322	1.260	1.424	1.492	1.447	1.389	6.86
33) T	Benzene	1.337	1.251	1.629	1.648	1.582	1.490	12.26
34) T	Trichloroethene	0.387	0.341	0.440	0.447	0.430	0.409	10.91
35) T	Methylcyclohexane	0.531	0.466	0.701	0.743	0.717	0.631	19.73
36) S	1,2-Dichloroprop...	0.422	0.408	0.431	0.460	0.446	0.434	4.71
37) T	1,2-Dichloropropane	0.356	0.296	0.397	0.413	0.393	0.371	12.63
38) T	Bromodichloromet...	0.388	0.345	0.471	0.499	0.480	0.437	15.29
39) T	cis-1,3-Dichloro...	0.412	0.389	0.551	0.589	0.579	0.504	18.99
40) T	4-Methyl-2-penta...	0.173	0.183	0.228	0.266	0.227	0.215	17.61
41) S	Toluene-d8	1.252	1.195	1.354	1.422	1.381	1.321	7.14
42) T	Toluene	1.375	1.275	1.797	1.829	1.773	1.610	16.36
43) S	trans-1,3-Dichlo...	0.099	0.107	0.119	0.142	0.136	0.121	14.97
44) T	trans-1,3-Dichlo...	0.321	0.321	0.445	0.511	0.489	0.417	21.88
45) T	1,1,2-Trichloroe...	0.228	0.208	0.276	0.290	0.267	0.254	13.49
46) S	2-Hexanone-d5	0.051	0.060	0.066	0.083	0.073	0.067	18.45
47) T	Tetrachloroethene	0.304	0.265	0.357	0.365	0.351	0.329	12.92
48) T	2-Hexanone	0.120	0.133	0.165	0.192	0.162	0.154	18.38
49) T	Dibromochloromet...	0.219	0.203	0.293	0.329	0.314	0.272	21.05
50) T	1,2-Dibromoethane	0.200	0.193	0.253	0.277	0.251	0.235	15.53
51) T	Chlorobenzene	0.922	0.881	1.135	1.169	1.122	1.046	12.78
52) T	Ethylbenzene	1.434	1.323	1.908	1.992	1.983	1.728	18.70
53) T	m,p-xylene	0.559	0.520	0.770	0.800	0.773	0.685	19.52
54) T	o-xylene	0.543	0.486	0.731	0.769	0.751	0.656	20.01
55) T	Styrene	0.860	0.786	1.230	1.301	1.284	1.092	22.76
56) S	1,1,2,2-Tetrachl...	0.281	0.286	0.303	0.356	0.325	0.310	9.91

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57)	T	1,1,2,2-Tetrachl...	0.230	0.248	0.302	0.343	0.313	0.287	16.36
58)	I	1,4-Dichlorobenzen...	-----ISTD-----						
59)	T	Bromoform	0.223	0.214	0.265	0.323	0.291	0.263	17.42
60)	T	Isopropylbenzene	2.986	2.623	3.665	3.793	3.685	3.350	15.43
61)	T	1,2,3-Trichlorop...	0.370	0.357	0.415	0.478	0.417	0.407	11.66
62)	T	1,3,5-Trimethylb...	2.217	2.036	3.063	3.282	3.169	2.754	21.10
63)	T	1,2,4-Trimethylb...	2.212	2.087	3.141	3.356	3.240	2.807	21.61
64)	T	1,3-Dichlorobenzene	1.420	1.283	1.698	1.781	1.688	1.574	13.48
65)	T	1,4-Dichlorobenzene	1.492	1.292	1.667	1.765	1.679	1.579	11.94
66)	S	1,2-Dichlorobenz...	0.911	0.898	0.917	1.022	0.947	0.939	5.31
67)	T	1,2-Dichlorobenzene	1.323	1.224	1.541	1.626	1.514	1.446	11.51
68)	T	1,2-Dibromo-3-ch...	0.065	0.071	0.079	0.099	0.089	0.080	16.85
69)		1,3,5-Trichlorob...	1.065	0.934	1.270	1.333	1.287	1.178	14.50
70)	T	1,2,4-trichlorob...	0.785	0.719	0.999	1.116	1.075	0.939	18.85
71)		Naphthalene	1.091	1.174	1.719	2.055	1.884	1.585	27.18
72)	T	1,2,3-Trichlorob...	0.679	0.712	0.932	1.028	0.960	0.862	18.15

(#) = Out of Range