

Method Path : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\
 Method File : SFAMUTR081419WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Thu Aug 15 14:46:32 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU033791.D 1 =VU033792.D 5 =VU033793.D
 10 =VU033794.D 20 =VU033795.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.721	0.833	0.714	0.654	0.702	0.725	9.08
3) T	Chloromethane	0.768	0.859	0.748	0.675	0.710	0.752	9.26
4) S	Vinyl Chloride-d3	0.650	0.594	0.534	0.511	0.541	0.566	9.91
5) T	Vinyl chloride	0.793	0.953	0.813	0.746	0.796	0.820	9.53
6) T	Bromomethane	0.475	0.545	0.467	0.434	0.466	0.477	8.56
7) S	Chloroethane-d5	0.489	0.483	0.416	0.402	0.422	0.442	9.13
8) T	Chloroethane	0.500	0.556	0.469	0.436	0.462	0.484	9.46
9) T	Trichlorofluorometh	1.087	1.277	1.069	1.027	1.157	1.124	8.72
10) T	1,1,2-Trichloro-1,2	0.571	0.718	0.586	0.540	0.566	0.596	11.72
11) S	1,1-Dichloroethene-	0.285	0.282	0.247	0.234	0.253	0.260	8.56
12) T	1,1-Dichloroethene	0.595	0.636	0.573	0.519	0.558	0.576	7.53
13) T	Acetone	0.117	0.136	0.114	0.107	0.109	0.117	9.91
14) T	Carbon disulfide	1.962	2.275	1.907	1.768	1.871	1.957	9.79
15) T	Methyl Acetate	0.341	0.321	0.300	0.268	0.284	0.303	9.49
16) T	Methylene chloride	0.746	0.806	0.629	0.580	0.602	0.673	14.59
17) T	Methyl tert-butyl E	1.423	1.718	1.475	1.374	1.469	1.492	8.90
18) T	trans-1,2-Dichloroe	0.644	0.686	0.606	0.565	0.593	0.619	7.66
19) T	1,1-Dichloroethane	0.936	1.140	0.960	0.878	0.922	0.967	10.47
20) S	2-Butanone-d5	0.107	0.112	0.106	0.106	0.116	0.109	4.03
21) T	2-Butanone	0.135	0.160	0.143	0.137	0.147	0.144	6.95
22) T	cis-1,2-Dichloroeth	0.484	0.594	0.519	0.497	0.545	0.528	8.25
23) T	Bromochloromethane	0.251	0.283	0.251	0.234	0.245	0.253	7.26
24) S	Chloroform-d	0.955	0.917	0.794	0.759	0.793	0.844	10.27
25) T	Chloroform	1.142	1.223	0.995	0.903	0.942	1.041	13.10
26) S	1,2-Dichloroethane-	0.518	0.484	0.409	0.385	0.411	0.442	12.83
27) T	1,2-Dichloroethane	0.637	0.738	0.620	0.590	0.622	0.641	8.81

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.791	0.928	0.812	0.742	0.795	0.814	8.46
30) T	Cyclohexane	0.635	0.740	0.735	0.744	0.830	0.736	9.39
31) T	Carbon tetrachlorid	0.693	0.807	0.725	0.678	0.718	0.724	6.90
32) S	Benzene-d6	1.641	1.538	1.498	1.460	1.547	1.537	4.40
33) T	Benzene	1.877	2.138	2.036	1.916	2.032	2.000	5.22
34) T	Trichloroethene	0.492	0.594	0.519	0.489	0.529	0.524	8.04
35) T	Methylcyclohexane	0.658	0.762	0.791	0.810	0.912	0.786	11.62
36) S	1,2-Dichloropropane	0.531	0.520	0.464	0.448	0.474	0.487	7.41
37) T	1,2-Dichloropropane	0.517	0.587	0.552	0.509	0.536	0.540	5.74
38) T	Bromodichloromethan	0.683	0.762	0.668	0.624	0.670	0.681	7.37
39) T	cis-1,3-Dichloropro	0.626	0.740	0.740	0.719	0.821	0.729	9.55
40) T	4-Methyl-2-pentanone	0.244	0.318	0.331	0.320	0.348	0.312	12.73
41) S	Toluene-d8	1.400	1.379	1.417	1.383	1.478	1.411	2.84
42) T	Toluene	1.759	2.187	2.191	2.110	2.261	2.101	9.46
43) S	trans-1,3-Dichlorop	0.189	0.188	0.189	0.190	0.208	0.193	4.46
44) T	trans-1,3-Dichlorop	0.511	0.632	0.626	0.609	0.670	0.610	9.78
45) T	1,1,2-Trichloroetha	0.362	0.440	0.386	0.361	0.382	0.386	8.31
46) S	2-Hexanone-d5	0.056	0.064	0.081	0.087	0.098	0.077	22.23
47) T	Tetrachloroethene	0.429	0.484	0.433	0.403	0.437	0.437	6.70
48) T	2-Hexanone	0.177	0.222	0.243	0.234	0.253	0.226	13.07
49) T	Dibromochloromethan	0.435	0.497	0.476	0.447	0.486	0.468	5.62
50) T	1,2-Dibromoethane	0.350	0.410	0.374	0.356	0.377	0.373	6.27
51) T	Chlorobenzene	1.241	1.468	1.360	1.288	1.408	1.353	6.71
52) T	Ethylbenzene	1.755	2.117	2.254	2.237	2.512	2.175	12.66

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	Compound	0.5	1	5	10	20	Avg	%RSD

53) T	m,p-Xylene	0.632	0.768	0.877	0.871	0.954	0.820	15.15
54) T	o-Xylene	0.555	0.734	0.831	0.837	0.936	0.779	18.51
55) T	Styrene	0.965	1.220	1.467	1.483	1.620	1.351	19.21
56) S	1,1,2,2-Tetrachloro	0.463	0.434	0.399	0.391	0.417	0.421	6.87
57) T	1,1,2,2-Tetrachloro	0.483	0.576	0.510	0.465	0.503	0.507	8.27

58) I	1,4-Dichlorobenzene-d	-----ISTD-----						
59)	Isopropylbenzene	3.135	3.816	3.900	3.864	4.344	3.812	11.38
60) T	Bromoform	0.495	0.575	0.502	0.463	0.518	0.511	8.07
61)	1,2,3-Trichloroprop	0.706	0.773	0.639	0.582	0.620	0.664	11.42
62)	1,3,5-Trimethylbenz	2.339	2.906	3.159	3.295	3.769	3.093	17.00
63)	1,2,4-Trimethylbenz	2.277	2.852	3.229	3.322	3.753	3.086	17.96
64) T	1,3-Dichlorobenzene	1.865	2.293	2.009	1.926	2.100	2.039	8.20
65) T	1,4-Dichlorobenzene	2.049	2.302	2.066	1.947	2.128	2.099	6.24
66) S	1,2-Dichlorobenzene	1.132	1.048	0.938	0.940	1.009	1.013	8.01
67) T	1,2-Dichlorobenzene	1.869	2.161	1.954	1.855	2.001	1.968	6.29
68) T	1,2-Dibromo-3-chlor	0.128	0.156	0.143	0.141	0.156	0.145	7.98
69)	1,3,5-Trichlorobenz	1.536	1.660	1.549	1.544	1.727	1.603	5.36
70) T	1,2,4-trichlorobenz	0.987	1.256	1.213	1.282	1.500	1.248	14.67
71)	Naphthalene	1.112	1.641	1.951	2.221	2.682	1.921	30.81
72) T	1,2,3-Trichlorobenz	0.891	1.136	1.229	1.231	1.392	1.176	15.64

(#) = Out of Range