

Method Path : Z:\VOASRV\HPCHEM1\MSVOA R\METHODS\
 Method File : SOMRTR041119WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Fri Apr 12 01:36:48 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VR026568.D 1 =VR026569.D 5 =VR026570.D
 10 =VR026571.D 20 =VR026572.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.565	0.584	0.541	0.490	0.503	0.537	7.41
3) T	Chloromethane	0.560	0.592	0.561	0.515	0.479	0.542	8.19
4) S	Vinyl Chloride-d3	0.401	0.392	0.387	0.363	0.330	0.375	7.65
5) T	Vinyl chloride	0.589	0.617	0.562	0.516	0.493	0.555	9.19
6) T	Bromomethane	0.357	0.335	0.343	0.310	0.287	0.327	8.51
7) S	Chloroethane-d5	0.338	0.331	0.348	0.317	0.296	0.326	6.27
8) T	Chloroethane	0.336	0.343	0.343	0.292	0.279	0.319	9.60
9) T	Trichlorofluorometh	0.850	0.881	0.875	0.758	0.770	0.827	7.10
10) T	1,1,2-Trichloro-1,2	0.453	0.458	0.449	0.403	0.392	0.431	7.20
11) S	1,1-Dichloroethene-	1.137	1.077	1.104	0.989	0.951	1.051	7.48
12) T	1,1-Dichloroethene	0.529	0.484	0.478	0.428	0.434	0.471	8.80
13) T	Acetone	0.042	0.041	0.034	0.032	0.034	0.037	12.50
14) T	Carbon disulfide	1.170	1.216	1.351	1.206	1.251	1.239	5.57
15) T	Methyl Acetate	0.107	0.116	0.098	0.091	0.088	0.100	11.66
16) T	Methylene chloride	0.524	0.469	0.408	0.352	0.351	0.421	17.94
17) T	Methyl tert-butyl E	0.428	0.418	0.444	0.438	0.485	0.443	5.78
18) T	trans-1,2-Dichloroe	0.411	0.434	0.428	0.412	0.436	0.424	2.87
19) T	1,1-Dichloroethane	0.744	0.762	0.777	0.739	0.796	0.764	3.10
20) S	2-Butanone-d5	0.028	0.028	0.038	0.040	0.045	0.036	21.71
21) T	2-Butanone	0.035	0.035	0.049	0.049	0.054	0.044	19.93
22) T	cis-1,2-Dichloroeth	0.286	0.302	0.387	0.385	0.409	0.354	15.79
23) T	Bromochloromethane	0.111	0.128	0.116	0.111	0.112	0.116	6.24
24) S	Chloroform-d	0.808	0.728	0.791	0.758	0.783	0.774	4.04
25) T	Chloroform	0.763	0.747	0.774	0.731	0.772	0.757	2.43
26) S	1,2-Dichloroethane-	0.345	0.311	0.332	0.316	0.323	0.325	4.22
27) T	1,2-Dichloroethane	0.369	0.396	0.386	0.362	0.379	0.378	3.54

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.738	0.743	0.777	0.732	0.776	0.753	2.85
30) T	Cyclohexane	0.452	0.572	0.824	0.810	0.846	0.700	25.39
31) T	Carbon tetrachlorid	0.776	0.799	0.778	0.727	0.754	0.767	3.59
32) S	Benzene-d6	1.511	1.487	1.725	1.675	1.704	1.620	6.94
33) T	Benzene	1.703	1.908	2.043	1.925	2.011	1.918	6.94
34) T	Trichloroethene	0.502	0.508	0.520	0.498	0.539	0.513	3.20
35) T	Methylcyclohexane	0.500	0.616	0.820	0.774	0.814	0.705	20.07
36) S	1,2-Dichloropropane	0.462	0.411	0.446	0.423	0.435	0.435	4.55
37) T	1,2-Dichloropropane	0.399	0.421	0.428	0.405	0.417	0.414	2.87
38) T	Bromodichloromethan	0.445	0.472	0.499	0.474	0.501	0.478	4.79
39) T	cis-1,3-Dichloropro	0.311	0.333	0.509	0.524	0.576	0.451	26.67
40) T	4-Methyl-2-pentanone	0.079	0.094	0.145	0.144	0.151	0.123	27.31
41) S	Toluene-d8	1.216	1.335	1.628	1.612	1.621	1.482	13.07
42) T	Toluene	1.635	1.888	2.196	2.079	2.155	1.991	11.63
43) S	trans-1,3-Dichlorop	0.120	0.085	0.105	0.113	0.124	0.109	13.98
44) T	trans-1,3-Dichlorop	0.228	0.241	0.334	0.360	0.404	0.314	24.35
45) T	1,1,2-Trichloroetha	0.189	0.181	0.185	0.176	0.183	0.183	2.47
46) S	2-Hexanone-d5	0.018	0.020	0.040	0.041	0.044	0.033	38.17
47) T	Tetrachloroethene	0.361	0.364	0.385	0.371	0.394	0.375	3.81
48) T	2-Hexanone	0.061	0.074	0.101	0.099	0.101	0.087	21.03
49) T	Dibromochloromethan	0.203	0.204	0.229	0.228	0.248	0.222	8.43
50) T	1,2-Dibromoethane	0.145	0.154	0.162	0.151	0.162	0.155	4.78
51) T	Chlorobenzene	1.154	1.133	1.174	1.108	1.170	1.148	2.38
52) T	Ethylbenzene	1.829	2.125	2.535	2.433	2.433	2.271	12.82

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.615	0.742	0.883	0.887	0.950	0.815	16.59
54) T	o-Xylene	0.461	0.599	0.824	0.839	0.920	0.729	26.27
55) T	Styrene	0.786	1.059	1.294	1.305	1.389	1.167	21.06
56) T	Isopropylbenzene	1.301	1.713	2.358	2.348	2.365	2.017	24.19
57) S	1,1,2,2-Tetrachloro	0.193	0.183	0.180	0.179	0.177	0.182	3.53
58) T	1,1,2,2-Tetrachloro	0.175	0.175	0.178	0.170	0.174	0.174	1.59
59)	1,2,3-Trichloroprop	0.134	0.127	0.131	0.128	0.130	0.130	2.09
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.228	0.192	0.196	0.199	0.235	0.210	9.43
62) T	1,3-Dichlorobenzene	1.428	1.300	1.579	1.625	1.819	1.550	12.73
63) T	1,4-Dichlorobenzene	2.130	1.912	1.775	1.668	1.807	1.859	9.41
64) S	1,2-Dichlorobenzene	0.826	0.761	0.793	0.792	0.849	0.804	4.22
65) T	1,2-Dichlorobenzene	1.272	1.294	1.376	1.324	1.447	1.343	5.24
66) T	1,2-Dibromo-3-chlor	0.067	0.061	0.041	0.041	0.047	0.051	22.71
67)	1,3,5-Trichlorobenz	0.946	0.941	1.011	1.034	1.159	1.018	8.66
68) T	1,2,4-trichlorobenz	0.509	0.455	0.551	0.604	0.714	0.567	17.46
69)	Naphthalene	0.333	0.304	0.486	0.655	0.825	0.521	42.29
70) T	1,2,3-Trichlorobenz	0.314	0.309	0.431	0.458	0.498	0.402	21.43

(#) = Out of Range