

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR071619WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Wed Jul 17 04:17:57 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU033255.D 1 =VU033256.D 5 =VU033257.D
 10 =VU033258.D 20 =VU033259.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.397	0.421	0.432	0.433	0.440	0.424	4.04
3) T	Chloromethane	0.490	0.499	0.533	0.505	0.478	0.501	4.06
4) S	Vinyl Chloride-d3	0.503	0.479	0.528	0.506	0.502	0.504	3.44
5) T	Vinyl chloride	0.484	0.514	0.575	0.562	0.556	0.538	7.11
6) T	Bromomethane	0.322	0.329	0.351	0.344	0.360	0.341	4.57
7) S	Chloroethane-d5	0.390	0.403	0.423	0.454	0.428	0.420	5.80
8) T	Chloroethane	0.301	0.339	0.353	0.385	0.344	0.344	8.82
9) T	Trichlorofluorometh	0.702	0.757	0.826	0.814	0.758	0.771	6.47
10) T	1,1,2-Trichloro-1,2	0.398	0.414	0.443	0.440	0.435	0.426	4.53
11) S	1,1-Dichloroethene-	0.905	0.939	1.025	0.993	1.005	0.974	5.10
12) T	1,1-Dichloroethene	0.398	0.394	0.422	0.424	0.415	0.411	3.36
13) T	Acetone	0.086	0.083	0.087	0.081	0.079	0.083	3.96
14) T	Carbon disulfide	1.277	1.284	1.387	1.355	1.347	1.330	3.58
15) T	Methyl Acetate	0.185	0.212	0.225	0.208	0.207	0.207	6.88
16) T	Methylene chloride	0.543	0.521	0.498	0.473	0.468	0.501	6.33
17) T	Methyl tert-butyl E	0.968	1.029	1.138	1.124	1.121	1.076	6.91
18) T	trans-1,2-Dichloroe	0.446	0.449	0.461	0.459	0.453	0.454	1.35
19) T	1,1-Dichloroethane	0.642	0.677	0.706	0.693	0.691	0.682	3.60
20) S	2-Butanone-d5	0.083	0.089	0.103	0.099	0.101	0.095	9.21
21) T	2-Butanone	0.087	0.084	0.104	0.101	0.101	0.095	9.55
22) T	cis-1,2-Dichloroeth	0.353	0.360	0.397	0.399	0.408	0.383	6.55
23) T	Bromochloromethane	0.147	0.163	0.178	0.176	0.180	0.169	8.31
24) S	Chloroform-d	0.679	0.721	0.783	0.762	0.769	0.743	5.72
25) T	Chloroform	0.835	0.757	0.745	0.721	0.718	0.755	6.32
26) S	1,2-Dichloroethane-	0.415	0.393	0.412	0.390	0.397	0.402	2.78
27) T	1,2-Dichloroethane	0.399	0.437	0.483	0.463	0.465	0.449	7.18

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.538	0.562	0.589	0.606	0.593	0.578	4.75
30) T	Cyclohexane	0.440	0.483	0.517	0.562	0.591	0.519	11.68
31) T	Carbon tetrachlorid	0.458	0.485	0.514	0.536	0.535	0.506	6.70
32) S	Benzene-d6	1.261	1.298	1.435	1.475	1.492	1.392	7.60
33) T	Benzene	1.272	1.312	1.456	1.517	1.524	1.416	8.29
34) T	Trichloroethene	0.351	0.360	0.376	0.397	0.390	0.375	5.15
35) T	Methylcyclohexane	0.475	0.501	0.569	0.624	0.654	0.565	13.62
36) S	1,2-Dichloropropane	0.406	0.427	0.461	0.460	0.462	0.443	5.75
37) T	1,2-Dichloropropane	0.357	0.364	0.390	0.405	0.399	0.383	5.64
38) T	Bromodichloromethan	0.468	0.470	0.491	0.506	0.507	0.488	3.83
39) T	cis-1,3-Dichloropro	0.483	0.495	0.549	0.589	0.615	0.546	10.49
40) T	4-Methyl-2-pentanone	0.181	0.192	0.230	0.243	0.251	0.219	14.15
41) S	Toluene-d8	1.146	1.191	1.387	1.415	1.454	1.318	10.62
42) T	Toluene	1.236	1.386	1.580	1.694	1.704	1.520	13.42
43) S	trans-1,3-Dichlorop	0.153	0.158	0.184	0.195	0.198	0.177	11.78
44) T	trans-1,3-Dichlorop	0.362	0.399	0.458	0.491	0.498	0.442	13.42
45) T	1,1,2-Trichloroetha	0.257	0.269	0.277	0.283	0.284	0.274	4.09
46) S	2-Hexanone-d5	0.052	0.059	0.078	0.084	0.092	0.073	22.95
47) T	Tetrachloroethene	0.291	0.284	0.297	0.316	0.314	0.300	4.73
48) T	2-Hexanone	0.132	0.140	0.171	0.178	0.182	0.160	14.29
49) T	Dibromochloromethan	0.277	0.317	0.340	0.353	0.361	0.330	10.27
50) T	1,2-Dibromoethane	0.240	0.244	0.274	0.276	0.280	0.263	7.37
51) T	Chlorobenzene	0.897	0.943	1.015	1.057	1.077	0.998	7.64
52) T	Ethylbenzene	1.331	1.396	1.666	1.817	1.903	1.623	15.56

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.480	0.513	0.645	0.696	0.731	0.613	18.18
54) T	o-Xylene	0.427	0.481	0.615	0.676	0.723	0.584	21.65
55) T	Styrene	0.747	0.825	1.077	1.188	1.256	1.019	21.90
56) T	Isopropylbenzene	1.157	1.306	1.610	1.790	1.906	1.554	20.41
57) S	1,1,2,2-Tetrachloro	0.347	0.338	0.376	0.382	0.399	0.368	6.82
58) T	1,1,2,2-Tetrachloro	0.307	0.331	0.360	0.371	0.383	0.351	8.84
59)	1,2,3-Trichloroprop	0.225	0.238	0.256	0.261	0.269	0.250	7.21
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.289	0.317	0.360	0.364	0.389	0.344	11.64
62) T	1,3-Dichlorobenzene	1.376	1.418	1.509	1.535	1.632	1.494	6.74
63) T	1,4-Dichlorobenzene	1.483	1.563	1.573	1.592	1.656	1.574	3.96
64) S	1,2-Dichlorobenzene	0.950	0.957	0.962	0.967	1.031	0.973	3.36
65) T	1,2-Dichlorobenzene	1.344	1.456	1.490	1.534	1.593	1.483	6.28
66) T	1,2-Dibromo-3-chlor	0.111	0.117	0.112	0.110	0.112	0.112	2.51
67)	1,3,5-Trichlorobenz	1.031	1.132	1.171	1.237	1.301	1.174	8.76
68) T	1,2,4-trichlorobenz	0.799	0.819	0.966	1.043	1.115	0.948	14.56
69)	Naphthalene	1.223	1.309	1.605	1.839	2.057	1.607	21.84
70) T	1,2,3-Trichlorobenz	0.753	0.776	0.928	0.970	1.042	0.894	13.98

(#) = Out of Range