

Method Path : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\
 Method File : SOMUTR121219WMA.M
 Title : TRACE VOA SOM01.0
 Last Update : Fri Dec 13 01:34:54 2019
 Response Via : Initial Calibration

Calibration Files

0.5 =VU036150.D 1 =VU036151.D 5 =VU036152.D
 10 =VU036153.D 20 =VU036154.D

	Compound	0.5	1	5	10	20	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.646	0.539	0.548	0.521	0.517	0.554	9.55
3) T	Chloromethane	1.073	0.668	0.658	0.591	0.587	0.715	28.46
4) S	Vinyl Chloride-d3	0.538	0.534	0.495	0.489	0.479	0.507	5.33
5) T	Vinyl chloride	0.738	0.649	0.682	0.635	0.635	0.668	6.55
6) T	Bromomethane	0.474	0.401	0.400	0.385	0.392	0.410	8.77
7) S	Chloroethane-d5	0.493	0.458	0.430	0.425	0.421	0.445	6.75
8) T	Chloroethane	0.460	0.402	0.426	0.381	0.387	0.411	7.87
9) T	Trichlorofluorometh	0.875	0.804	0.845	0.778	0.769	0.814	5.51
10) T	1,1,2-Trichloro-1,2	0.444	0.395	0.418	0.385	0.376	0.404	6.78
11) S	1,1-Dichloroethene-	0.691	0.680	0.665	0.654	0.654	0.669	2.44
12) T	1,1-Dichloroethene	0.419	0.375	0.379	0.350	0.360	0.377	6.97
13) T	Acetone	0.097	0.071	0.065	0.062	0.059	0.071	22.04
14) T	Carbon disulfide	1.389	1.222	1.275	1.186	1.189	1.252	6.72
15) T	Methyl Acetate	0.174	0.154	0.145	0.143	0.140	0.151	9.09
16) T	Methylene chloride	0.809	0.562	0.448	0.411	0.405	0.527	32.27
17) T	Methyl tert-butyl E	0.794	0.677	0.789	0.801	0.856	0.783	8.36
18) T	trans-1,2-Dichloroe	0.433	0.380	0.387	0.371	0.384	0.391	6.26
19) T	1,1-Dichloroethane	0.795	0.691	0.733	0.690	0.686	0.719	6.48
20) S	2-Butanone-d5	0.073	0.074	0.082	0.088	0.089	0.081	9.16
21) T	2-Butanone	0.100	0.081	0.098	0.096	0.097	0.094	8.19
22) T	cis-1,2-Dichloroeth	0.419	0.355	0.409	0.406	0.422	0.402	6.79
23) T	Bromochloromethane	0.224	0.186	0.206	0.192	0.193	0.200	7.58
24) S	Chloroform-d	0.773	0.746	0.732	0.726	0.704	0.736	3.45
25) T	Chloroform	0.853	0.734	0.773	0.726	0.714	0.760	7.45
26) S	1,2-Dichloroethane-	0.413	0.378	0.356	0.369	0.348	0.373	6.75
27) T	1,2-Dichloroethane	0.457	0.432	0.459	0.442	0.437	0.446	2.71

28) I	Chlorobenzene-d5	-----ISTD-----						
29) T	1,1,1-Trichloroetha	0.688	0.549	0.621	0.607	0.599	0.613	8.16
30) T	Cyclohexane	0.451	0.420	0.536	0.581	0.621	0.522	16.30
31) T	Carbon tetrachlorid	0.582	0.504	0.573	0.546	0.539	0.549	5.64
32) S	Benzene-d6	1.271	1.249	1.358	1.419	1.383	1.336	5.46
33) T	Benzene	1.577	1.308	1.632	1.589	1.584	1.538	8.47
34) T	Trichloroethene	0.411	0.355	0.408	0.394	0.399	0.393	5.78
35) T	Methylcyclohexane	0.490	0.434	0.588	0.610	0.681	0.561	17.53
36) S	1,2-Dichloropropane	0.409	0.396	0.423	0.431	0.421	0.416	3.28
37) T	1,2-Dichloropropane	0.432	0.348	0.415	0.395	0.394	0.397	7.95
38) T	Bromodichloromethan	0.539	0.476	0.526	0.494	0.497	0.506	5.04
39) T	cis-1,3-Dichloropro	0.486	0.435	0.548	0.554	0.600	0.524	12.30
40) T	4-Methyl-2-pentanone	0.186	0.157	0.213	0.219	0.226	0.200	14.17
41) S	Toluene-d8	1.087	1.057	1.331	1.364	1.334	1.234	12.11
42) T	Toluene	1.569	1.316	1.792	1.714	1.754	1.629	11.93
43) S	trans-1,3-Dichlorop	0.167	0.159	0.174	0.185	0.183	0.174	6.36
44) T	trans-1,3-Dichlorop	0.429	0.358	0.470	0.463	0.490	0.442	11.70
45) T	1,1,2-Trichloroetha	0.312	0.270	0.305	0.290	0.287	0.293	5.61
46) S	2-Hexanone-d5	0.049	0.047	0.067	0.077	0.080	0.064	24.03
47) T	Tetrachloroethene	0.344	0.321	0.364	0.346	0.347	0.345	4.50
48) T	2-Hexanone	0.125	0.113	0.162	0.166	0.168	0.147	17.47
49) T	Dibromochloromethan	0.380	0.329	0.376	0.364	0.364	0.363	5.59
50) T	1,2-Dibromoethane	0.270	0.253	0.293	0.276	0.280	0.274	5.31
51) T	Chlorobenzene	1.163	0.892	1.104	1.060	1.085	1.061	9.61
52) T	Ethylbenzene	1.416	1.208	1.675	1.741	1.883	1.585	17.06

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	Compound	0.5	1	5	10	20	Avg	%RSD
53) T	m,p-Xylene	0.532	0.466	0.673	0.701	0.740	0.622	18.90
54) T	o-Xylene	0.519	0.453	0.633	0.660	0.707	0.595	17.69
55) T	Styrene	0.943	0.805	1.117	1.169	1.233	1.054	16.70
56) T	Isopropylbenzene	1.256	1.124	1.644	1.712	1.861	1.519	20.67
57) S	1,1,2,2-Tetrachloro	0.359	0.370	0.377	0.380	0.369	0.371	2.22
58) T	1,1,2,2-Tetrachloro	0.396	0.323	0.385	0.365	0.371	0.368	7.60
59)	1,2,3-Trichloroprop	0.256	0.233	0.278	0.274	0.268	0.262	6.96
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) T	Bromoform	0.647	0.490	0.435	0.415	0.392	0.476	21.49
62) T	1,3-Dichlorobenzene	1.773	1.475	1.731	1.638	1.632	1.650	6.98
63) T	1,4-Dichlorobenzene	1.744	1.415	1.642	1.629	1.629	1.612	7.45
64) S	1,2-Dichlorobenzene	0.915	0.986	0.933	0.967	0.949	0.950	2.90
65) T	1,2-Dichlorobenzene	1.694	1.481	1.622	1.563	1.549	1.582	5.10
66) T	1,2-Dibromo-3-chlor	0.114	0.104	0.097	0.096	0.095	0.101	8.22
67)	1,3,5-Trichlorobenz	1.084	0.852	1.100	1.111	1.198	1.069	12.05
68) T	1,2,4-trichlorobenz	0.438	0.289	0.556	0.670	0.847	0.560	38.21
69)	Naphthalene	0.413	0.234	0.469	0.686	1.080	0.576	56.30
70) T	1,2,3-Trichlorobenz	0.375	0.270	0.541	0.636	0.787	0.522	39.41

(#) = Out of Range