

Method Path : Z:\V0ASRV\HPCHEM1\MSV0A_V\METHOD\
 Method File : SOM2VLM092319S.M
 Title : VOC Analysis
 Last Update : Mon Sep 23 13:08:37 2019
 Response Via : Initial Calibration

Calibration Files

2.5 =VV012928.D 5 =VV012929.D 25 =VV012930.D
 50 =VV012931.D 100 =VV012932.D

	Compound	2.5	5	25	50	100	Avg	%RSD

1) I	1,4-Difluorobenzene	-----ISTD-----						
2) T	Dichlorodifluoromet	0.222	0.214	0.344	0.300	0.296	0.275	20.18
3) T	Chloromethane	0.353	0.326	0.411	0.356	0.352	0.360	8.67
4) S	Vinyl Chloride-d3	0.410	0.407	0.392	0.378	0.353	0.388	6.09
5) T	Vinyl chloride	0.337	0.320	0.410	0.357	0.351	0.355	9.58
6) T	Bromomethane	0.207	0.209	0.249	0.222	0.221	0.222	7.57
7) S	Chloroethane-d5	0.331	0.331	0.318	0.304	0.283	0.314	6.56
8) T	Chloroethane	0.204	0.216	0.254	0.211	0.206	0.218	9.33
9) T	Trichlorofluorometh	0.482	0.467	0.538	0.475	0.438	0.480	7.64
10) S	1,1-Dichloroethene-	0.697	0.667	0.653	0.625	0.583	0.645	6.68
11) T	1,1,2-Trichloro-1,2	0.309	0.305	0.336	0.297	0.289	0.307	5.81
12) T	1,1-Dichloroethene	0.279	0.275	0.311	0.277	0.271	0.283	5.70
13) T	Acetone	0.136	0.116	0.175	0.146	0.138	0.142	15.05
14) T	Carbon disulfide	0.860	0.844	1.010	0.903	0.896	0.903	7.19
15) T	Methyl Acetate	0.174	0.200	0.264	0.233	0.233	0.221	15.63
16) T	Methylene chloride	0.408	0.370	0.387	0.352	0.350	0.374	6.55
17) T	Methyl tert-butyl E	0.708	0.748	0.910	0.882	0.899	0.829	11.34
18) T	trans-1,2-Dichloroe	0.325	0.324	0.360	0.333	0.330	0.335	4.45
19) T	1,1-Dichloroethane	0.601	0.589	0.659	0.602	0.601	0.610	4.49
20) S	2-Butanone-d5	0.093	0.127	0.151	0.151	0.147	0.134	18.47
21)	2-Butanone	0.127	0.138	0.202	0.181	0.181	0.166	19.29
22) T	cis-1,2-Dichloroeth	0.345	0.341	0.393	0.373	0.378	0.366	6.13
23) T	Bromochloromethane	0.173	0.171	0.194	0.182	0.184	0.181	5.17
24) S	Chloroform-d	0.726	0.711	0.670	0.679	0.648	0.687	4.59
25) T	Chloroform	0.657	0.621	0.676	0.626	0.620	0.640	3.91
26) S	1,2-Dichloroethane-	0.416	0.406	0.392	0.402	0.380	0.399	3.44
27) T	1,2-Dichloroethane	0.422	0.433	0.491	0.464	0.453	0.452	5.95

28) I	Chlorobenzene-d5	-----ISTD-----						
29) S	Benzene-d6	1.452	1.414	1.395	1.403	1.315	1.396	3.60
30) T	Cyclohexane	0.467	0.474	0.605	0.568	0.567	0.536	11.53
31) T	1,1,1-Trichloroetha	0.484	0.481	0.535	0.488	0.487	0.495	4.59
32) T	Carbon tetrachlorid	0.448	0.436	0.483	0.438	0.438	0.449	4.44
33) S	1,2-Dichloropropane	0.457	0.450	0.424	0.438	0.418	0.438	3.82
34) T	Benzene	1.322	1.340	1.531	1.397	1.369	1.392	5.97
35) T	Trichloroethene	0.395	0.392	0.415	0.371	0.366	0.388	5.11
36) T	Methylcyclohexane	0.533	0.538	0.672	0.615	0.617	0.595	9.90
37) S	Toluene-d8	1.221	1.225	1.315	1.325	1.251	1.267	3.91
38) S	trans-1,3-Dichlorop	0.171	0.178	0.186	0.195	0.196	0.185	5.95
39) S	2-Hexanone-d5	0.060	0.067	0.098	0.107	0.108	0.088	25.65
40) T	1,2-Dichloropropane	0.354	0.331	0.394	0.367	0.364	0.362	6.22
41) T	Bromodichloromethan	0.448	0.434	0.495	0.468	0.473	0.464	5.09
42) T	cis-1,3-Dichloropro	0.452	0.460	0.589	0.559	0.598	0.532	13.23
43) T	4-Methyl-2-pentan	0.227	0.240	0.356	0.332	0.333	0.297	20.02
44) T	Toluene	1.295	1.372	1.661	1.517	1.494	1.468	9.59
45) T	trans-1,3-Dichlorop	0.370	0.392	0.490	0.485	0.501	0.448	13.77
46) T	1,1,2-Trichloroetha	0.290	0.292	0.333	0.312	0.308	0.307	5.68
47) T	Tetrachloroethene	0.320	0.306	0.338	0.306	0.305	0.315	4.53
48) S	1,1,2,2-Tetrachloro	0.395	0.409	0.423	0.435	0.415	0.416	3.65
49) T	2-Hexanone	0.149	0.164	0.281	0.265	0.261	0.224	27.80
50) T	Dibromochloromethan	0.323	0.322	0.383	0.365	0.372	0.353	8.03
51) T	1,2-Dibromoethane	0.266	0.272	0.334	0.316	0.318	0.301	9.98
52) T	Chlorobenzene	1.002	0.980	1.077	1.005	1.000	1.013	3.70

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	Compound	2.5	5	25	50	100	Avg	%RSD
53) T	Ethylbenzene	1.437	1.473	1.802	1.690	1.678	1.616	9.62
54) T	m,p-Xylene	0.511	0.549	0.698	0.656	0.657	0.614	12.98
55) T	o-xylene	0.475	0.510	0.661	0.636	0.645	0.585	14.73
56) T	Styrene	0.821	0.887	1.183	1.127	1.133	1.030	15.92
57) T	Isopropylbenzene	1.265	1.363	1.757	1.657	1.649	1.538	13.78
58) T	1,1,2,2-Tetrachloro	0.327	0.347	0.422	0.399	0.405	0.380	10.70
59)	1,2,3-Trichloroprop	0.281	0.291	0.353	0.323	0.320	0.314	9.06
60) I	1,4-Dichlorobenzene-d	-----ISTD-----						
61) S	1,2-Dichlorobenzene	1.049	0.985	0.933	0.959	0.931	0.971	5.03
62) T	Bromoform	0.381	0.378	0.460	0.443	0.460	0.424	9.77
63) T	1,3-Dichlorobenzene	1.482	1.486	1.650	1.535	1.540	1.539	4.41
64) T	1,4-Dichlorobenzene	1.693	1.579	1.683	1.569	1.551	1.615	4.17
65) T	1,2-Dichlorobenzene	1.410	1.406	1.578	1.472	1.473	1.468	4.73
66) T	1,2-Dibromo-3-chlor	0.112	0.115	0.148	0.136	0.139	0.130	12.07
67)	1,3,5-Trichlorobenz	1.144	1.116	1.278	1.224	1.257	1.204	5.88
68) T	1,2,4-trichlorobenz	0.959	0.940	1.112	1.103	1.149	1.053	9.09
69)	Naphthalene	1.495	1.588	2.453	2.493	2.556	2.117	24.92
70) T	1,2,3-Trichlorobenz	0.891	0.909	1.098	1.070	1.092	1.012	10.18

(#) = Out of Range