

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021952.D
 Acq On : 13 May 2021 01:51
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 13 06:30:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	95	0.00
2 M	Dichlorodifluoromethane	10.000	18.019	-80.2#	186	0.00
3 M	Chloromethane	10.000	17.957	-79.6#	183	0.00
4 M	Vinyl Chloride	10.000	17.933	-79.3#	193	0.00
5 M	Bromomethane	10.000	19.298	-93.0#	196	0.00
6 M	Chloroethane	10.000	17.798	-78.0#	195	0.00
7 M	Trichlorofluoromethane	10.000	16.859	-68.6#	184	0.00
8 T	Diethyl Ether	10.000	17.620	-76.2#	196	0.00
9	1,1,2-Trichlorotrifluoroeth	10.000	17.185	-71.8#	184	0.00
10 M	1,1-Dichloroethene	10.000	17.195	-72.0#	189	0.00
11	Methyl Iodide	10.000	19.197	-92.0#	231	0.00
12	Methyl Acetate	10.000	17.495	-75.0#	185	0.00
13 M	Acrolein	50.000	90.095	-80.2#	194	0.00
14 M	Acrylonitrile	50.000	87.133	-74.3#	191	0.00
15 M	Acetone	50.000	90.249	-80.5#	190	0.00
16 M	Carbon Disulfide	10.000	17.319	-73.2#	193	0.00
17	Allyl chloride	10.000	16.880	-68.8#	183	0.00
18 M	Methylene Chloride	10.000	16.985	-69.8#	180	0.00
19 M	trans-1,2-Dichloroethene	10.000	17.412	-74.1#	186	0.00
20 T	Diisopropyl ether	10.000	17.321	-73.2#	193	0.00
21 M	1,1-Dichloroethane	10.000	17.577	-75.8#	190	0.00
22 M	cis-1,2-Dichloroethene	10.000	17.788	-77.9#	190	0.00
23 M	tert-Butyl Alcohol	50.000	85.697	-71.4#	183	0.00
24 M	Methyl tert-Butyl Ether	10.000	17.673	-76.7#	193	0.00
25 M	Chloroform	10.000	17.606	-76.1#	191	0.00
26	Cyclohexane	10.000	17.509	-75.1#	198	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.072	3.1	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	10.000	17.412	-74.1#	188	0.00
30 M	2-Butanone	50.000	89.579	-79.2#	189	0.00
31	2,2-Dichloropropane	10.000	14.958	-49.6#	161	0.00
32 M	1,1,1-Trichloroethane	10.000	17.619	-76.2#	188	0.00
33 M	Carbon Tetrachloride	10.000	17.648	-76.5#	192	0.00
34 M	Benzene	10.000	17.976	-79.8#	191	0.00
35	Methacrylonitrile	10.000	17.831	-78.3#	196	0.00
36 M	1,2-Dichloroethane	10.000	17.980	-79.8#	193	0.00
37 M	Trichloroethene	10.000	17.186	-71.9#	187	0.00
38	Methylcyclohexane	10.000	17.169	-71.7#	193	0.00
39 M	1,2-Dichloropropane	10.000	17.989	-79.9#	199	0.00
40	Dibromomethane	10.000	17.613	-76.1#	187	0.00
41 M	Bromodichloromethane	10.000	17.884	-78.8#	198	0.00
42 M	Vinyl Acetate	50.000	88.556	-77.1#	194	0.00
43	Ethyl Acetate	10.000	16.749	-67.5#	177	0.00
44	Isopropyl Acetate	10.000	17.714	-77.1#	193	0.00
45 T	1,4-Dioxane	200.000	341.412	-70.7#	174	-0.02
46	Methyl methacrylate	10.000	18.166	-81.7#	202	0.00
47	n-amyl Acetate	10.000	19.010	-90.1#	211	0.00
48 M	t-1,3-Dichloropropene	10.000	16.995	-70.0#	186	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	10.000	17.533	-75.3#	192	0.00
50 M	1,1,2-Trichloroethane	10.000	17.943	-79.4#	194	0.00
51	Ethyl methacrylate	10.000	18.472	-84.7#	201	0.00
52	1,3-Dichloropropane	10.000	18.264	-82.6#	202	0.00
53 M	Dibromochloromethane	10.000	17.783	-77.8#	194	0.00
54 M	1,2-Dibromoethane	10.000	17.921	-79.2#	194	0.00
55 M	2-Chloroethyl vinyl ether	50.000	92.089	-84.2#	201	0.00
56 M	Bromoform	10.000	18.574	-85.7#	205	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	50.000	88.327	-76.7#	193	0.00
59 M	2-Hexanone	50.000	90.620	-81.2#	195	0.00
60 S	4-Bromofluorobenzene	30.000	31.315	-4.4	102	0.00
61 M	Tetrachloroethene	10.000	17.241	-72.4#	182	0.00
62 M	Toluene	10.000	17.573	-75.7#	194	0.00
63 S	Toluene-d8	30.000	29.993	0.0	96	0.00
64 M	Chlorobenzene	10.000	18.361	-83.6#	197	0.00
65	1,1,1,2-Tetrachloroethane	10.000	17.696	-77.0#	201	0.00
66 M	Ethyl Benzene	10.000	18.078	-80.8#	200	0.00
67 M	m/p-Xylenes	20.000	36.113	-80.6#	198	0.00
68 M	o-Xylene	10.000	18.470	-84.7#	207	0.00
69 M	Styrene	10.000	17.975	-79.8#	198	0.00
70	Isopropylbenzene	10.000	18.019	-80.2#	199	0.00
71 M	1,1,2,2-Tetrachloroethane	10.000	18.448	-84.5#	202	0.00
72	1,2,3-Trichloropropane	10.000	19.241	-92.4#	205	0.00
73	Bromobenzene	10.000	18.279	-82.8#	204	0.00
74	n-propylbenzene	10.000	18.278	-82.8#	209	0.00
75	2-Chlorotoluene	10.000	18.732	-87.3#	208	0.00
76	1,3,5-Trimethylbenzene	10.000	18.554	-85.5#	207	0.00
77	t-1,4-Dichloro-2-butene	10.000	17.363	-73.6#	203	0.00
78	4-Chlorotoluene	10.000	18.232	-82.3#	210	0.00
79	tert-butylbenzene	10.000	18.433	-84.3#	206	0.00
80	1,2,4-Trimethylbenzene	10.000	18.585	-85.9#	209	0.00
81	sec-Butylbenzene	10.000	18.385	-83.9#	207	0.00
82	p-Isopropyltoluene	10.000	18.403	-84.0#	209	0.00
83 M	1,3-Dichlorobenzene	10.000	17.879	-78.8#	201	0.00
84 M	1,4-Dichlorobenzene	10.000	17.985	-79.8#	205	0.00
85	n-Butylbenzene	10.000	17.891	-78.9#	210	0.00
86 T	Hexachloroethane	10.000	17.857	-78.6#	205	0.00
87 M	1,2-Dichlorobenzene	10.000	18.610	-86.1#	211	0.00
88	1,2-Dibromo-3-Chloropropane	10.000	18.154	-81.5#	201	0.00
89	1,2,4-Trichlorobenzene	10.000	17.585	-75.9#	201	0.00
90	Hexachlorobutadiene	10.000	17.465	-74.6#	205	0.00
91 M	Naphthalene	10.000	17.860	-78.6#	209	0.00
92	1,2,3-Trichlorobenzene	10.000	18.053	-80.5#	210	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0