

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
 Data File : VX021282.D
 Acq On : 18 Mar 2021 16:55
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 19 02:51:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 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	117	0.00
2 M	Dichlorodifluoromethane	20.000	21.168	-5.8	134	0.00
3 M	Chloromethane	20.000	28.512	-42.6#	178	0.00
4 M	Vinyl Chloride	20.000	20.023	-0.1	128	0.00
5 M	Bromomethane	20.000	17.255	13.7	106	0.00
6 M	Chloroethane	20.000	20.286	-1.4	131	-0.01
7 M	Trichlorofluoromethane	20.000	20.954	-4.8	131	-0.01
8 T	Diethyl Ether	20.000	21.207	-6.0	133	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.933	-9.7	142	-0.01
10 M	1,1-Dichloroethene	20.000	21.414	-7.1	138	0.00
11	Methyl Iodide	20.000	12.417	37.9#	82	0.00
12	Methyl Acetate	20.000	22.718	-13.6	139	0.00
13 M	Acrolein	100.000	116.234	-16.2	159	0.00
14 M	Acrylonitrile	100.000	109.566	-9.6	136	0.00
15 M	Acetone	100.000	95.231	4.8	123	0.00
16 M	Carbon Disulfide	20.000	20.300	-1.5	130	0.00
17	Allyl chloride	20.000	20.604	-3.0	133	0.00
18 M	Methylene Chloride	20.000	21.604	-8.0	136	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.179	-5.9	135	0.00
20 T	Diisopropyl ether	20.000	21.030	-5.2	133	0.00
21 M	1,1-Dichloroethane	20.000	21.121	-5.6	133	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.291	-6.5	135	0.00
23 M	tert-Butyl Alcohol	100.000	101.519	-1.5	127	0.01
24 M	Methyl tert-Butyl Ether	20.000	21.922	-9.6	138	0.00
25 M	Chloroform	20.000	21.435	-7.2	135	0.00
26	Cyclohexane	20.000	21.170	-5.9	134	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.656	-2.2	122	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	128	0.00
29	1,1-Dichloropropene	20.000	19.852	0.7	136	0.00
30 M	2-Butanone	100.000	99.069	0.9	134	0.00
31	2,2-Dichloropropane	20.000	20.505	-2.5	139	0.00
32 M	1,1,1-Trichloroethane	20.000	19.841	0.8	136	0.00
33 M	Carbon Tetrachloride	20.000	19.786	1.1	134	0.00
34 M	Benzene	20.000	19.849	0.8	134	0.00
35	Methacrylonitrile	20.000	20.439	-2.2	138	-0.01
36 M	1,2-Dichloroethane	20.000	20.051	-0.3	132	0.00
37 M	Trichloroethene	20.000	19.213	3.9	131	0.00
38	Methylcyclohexane	20.000	21.007	-5.0	145	0.00
39 M	1,2-Dichloropropane	20.000	19.661	1.7	133	0.00
40	Dibromomethane	20.000	19.986	0.1	136	0.00
41 M	Bromodichloromethane	20.000	20.003	-0.0	135	0.00
42 M	Vinyl Acetate	100.000	98.797	1.2	134	0.00
43	Ethyl Acetate	20.000	19.427	2.9	132	0.00
44	Isopropyl Acetate	20.000	20.345	-1.7	140	0.00
45 T	1,4-Dioxane	400.000	406.108	-1.5	131	0.00
46	Methyl methacrylate	20.000	19.885	0.6	137	0.00
47	n-amyl Acetate	20.000	19.712	1.4	131	0.00
48 M	t-1,3-Dichloropropene	20.000	19.777	1.1	138	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.816	0.9	137	0.00
50 M	1,1,2-Trichloroethane	20.000	19.658	1.7	135	0.00
51	Ethyl methacrylate	20.000	19.781	1.1	134	0.00
52	1,3-Dichloropropane	20.000	20.007	-0.0	135	0.00
53 M	Dibromochloromethane	20.000	19.131	4.3	132	0.00
54 M	1,2-Dibromoethane	20.000	19.946	0.3	136	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.859	6.1	125	0.00
56 M	Bromoform	20.000	19.078	4.6	133	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	125	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.807	-3.8	133	0.00
59 M	2-Hexanone	100.000	101.814	-1.8	132	0.00
60 S	4-Bromofluorobenzene	30.000	29.107	3.0	120	0.00
61 M	Tetrachloroethene	20.000	18.708	6.5	128	0.00
62 M	Toluene	20.000	20.350	-1.8	134	0.00
63 S	Toluene-d8	30.000	29.504	1.7	121	0.00
64 M	Chlorobenzene	20.000	19.894	0.5	133	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.228	-1.1	134	0.00
66 M	Ethyl Benzene	20.000	20.187	-0.9	135	0.00
67 M	m/p-Xylenes	40.000	40.315	-0.8	132	0.00
68 M	o-Xylene	20.000	19.987	0.1	131	0.00
69 M	Styrene	20.000	19.657	1.7	131	0.00
70	Isopropylbenzene	20.000	20.145	-0.7	134	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.141	-5.7	141	0.00
72	1,2,3-Trichloropropane	20.000	20.315	-1.6	131	0.00
73	Bromobenzene	20.000	20.288	-1.4	133	0.00
74	n-propylbenzene	20.000	20.397	-2.0	137	0.00
75	2-Chlorotoluene	20.000	20.054	-0.3	132	0.00
76	1,3,5-Trimethylbenzene	20.000	20.223	-1.1	134	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.395	3.0	135	0.00
78	4-Chlorotoluene	20.000	20.225	-1.1	133	0.00
79	tert-butylbenzene	20.000	20.558	-2.8	136	0.00
80	1,2,4-Trimethylbenzene	20.000	20.369	-1.8	135	0.00
81	sec-Butylbenzene	20.000	20.552	-2.8	135	0.00
82	p-Isopropyltoluene	20.000	20.430	-2.1	137	0.00
83 M	1,3-Dichlorobenzene	20.000	20.461	-2.3	133	0.00
84 M	1,4-Dichlorobenzene	20.000	20.498	-2.5	133	0.00
85	n-Butylbenzene	20.000	20.600	-3.0	140	0.00
86 T	Hexachloroethane	20.000	19.220	3.9	128	0.00
87 M	1,2-Dichlorobenzene	20.000	20.627	-3.1	136	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.147	-5.7	141	0.00
89	1,2,4-Trichlorobenzene	20.000	20.773	-3.9	139	0.00
90	Hexachlorobutadiene	20.000	21.466	-7.3	155	0.00
91 M	Naphthalene	20.000	22.194	-11.0	152	0.00
92	1,2,3-Trichlorobenzene	20.000	20.987	-4.9	142	0.00

(#) = Out of Range

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