

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066591.D
 Acq On : 13 Apr 2021 20:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 14 13:19:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 14 12:32:37 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	17.503	12.5	93	0.00
3 M	Chloromethane	20.000	18.449	7.8	102	0.00
4 M	Vinyl Chloride	20.000	17.609	12.0	94	0.00
5 M	Bromomethane	20.000	17.366	13.2	94	0.00
6 M	Chloroethane	20.000	19.334	3.3	107	0.00
7 M	Trichlorofluoromethane	20.000	18.260	8.7	98	0.00
8 T	Diethyl Ether	20.000	17.538	12.3	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.851	10.7	96	0.00
10 M	1,1-Dichloroethene	20.000	18.031	9.8	96	0.00
11	Methyl Iodide	20.000	17.556	12.2	90	0.00
12	Methyl Acetate	20.000	16.540	17.3	91	0.00
13 M	Acrolein	100.000	82.037	18.0	98	0.00
14 M	Acrylonitrile	100.000	81.864	18.1	90	0.00
15 M	Acetone	100.000	72.953	27.0	86	0.00
16 M	Carbon Disulfide	20.000	17.128	14.4	95	-0.01
17	Allyl chloride	20.000	18.789	6.1	96	0.00
18 M	Methylene Chloride	20.000	16.571	17.1	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.673	11.6	98	-0.01
20 T	Diisopropyl ether	20.000	18.245	8.8	98	0.00
21 M	1,1-Dichloroethane	20.000	17.855	10.7	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.505	12.5	97	0.00
23 M	tert-Butyl Alcohol	100.000	77.912	22.1	90	0.03
24 M	Methyl tert-Butyl Ether	20.000	17.018	14.9	94	0.00
25 M	Chloroform	20.000	17.507	12.5	96	0.00
26	Cyclohexane	20.000	15.131	24.3	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.283	-0.9	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	17.391	13.0	92	0.00
30 M	2-Butanone	100.000	81.554	18.4	89	0.00
31	2,2-Dichloropropane	20.000	17.621	11.9	96	0.00
32 M	1,1,1-Trichloroethane	20.000	19.127	4.4	101	0.00
33 M	Carbon Tetrachloride	20.000	18.736	6.3	98	0.00
34 M	Benzene	20.000	18.472	7.6	98	0.00
35	Methacrylonitrile	20.000	16.101	19.5	99	-0.02
36 M	1,2-Dichloroethane	20.000	18.533	7.3	99	0.00
37 M	Trichloroethene	20.000	17.707	11.5	95	0.00
38	Methylcyclohexane	20.000	16.464	17.7	91	0.00
39 M	1,2-Dichloropropane	20.000	18.721	6.4	101	0.00
40	Dibromomethane	20.000	18.576	7.1	99	0.00
41 M	Bromodichloromethane	20.000	18.260	8.7	96	0.00
42 M	Vinyl Acetate	100.000	86.926	13.1	91	0.00
43	Ethyl Acetate	20.000	15.416	22.9	90	0.00
44	Isopropyl Acetate	20.000	17.243	13.8	92	0.00
45 T	1,4-Dioxane	400.000	351.594	12.1	94	0.00
46	Methyl methacrylate	20.000	16.588	17.1	90	0.00
47	n-amyl Acetate	20.000	13.523	32.4#	83	0.00
48 M	t-1,3-Dichloropropene	20.000	17.118	14.4	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066591.D
 Acq On : 13 Apr 2021 20:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 14 13:19:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 14 12:32:37 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)
49 T	cis-1,3-Dichloropropene	20.000	17.494	12.5	92	0.00
50 M	1,1,2-Trichloroethane	20.000	18.964	5.2	101	0.00
51	Ethyl methacrylate	20.000	16.499	17.5	89	0.00
52	1,3-Dichloropropane	20.000	18.650	6.8	99	0.00
53 M	Dibromochloromethane	20.000	18.617	6.9	100	0.00
54 M	1,2-Dibromoethane	20.000	18.288	8.6	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.847	12.2	92	0.00
56 M	Bromoform	20.000	17.681	11.6	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	86.561	13.4	93	0.00
59 M	2-Hexanone	100.000	83.189	16.8	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.346	-1.2	95	0.00
61 M	Tetrachloroethene	20.000	16.613	16.9	90	0.00
62 M	Toluene	20.000	18.293	8.5	98	0.00
63 S	Toluene-d8	30.000	30.851	-2.8	97	0.00
64 M	Chlorobenzene	20.000	17.834	10.8	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.637	6.8	101	0.00
66 M	Ethyl Benzene	20.000	17.860	10.7	97	0.00
67 M	m/p-Xylenes	40.000	35.542	11.1	95	0.00
68 M	o-Xylene	20.000	17.730	11.3	92	0.00
69 M	Styrene	20.000	17.327	13.4	91	0.00
70	Isopropylbenzene	20.000	18.031	9.8	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.355	8.2	99	0.00
72	1,2,3-Trichloropropane	20.000	17.534	12.3	95	0.00
73	Bromobenzene	20.000	18.105	9.5	96	0.00
74	n-propylbenzene	20.000	17.920	10.4	96	0.00
75	2-Chlorotoluene	20.000	17.608	12.0	93	0.00
76	1,3,5-Trimethylbenzene	20.000	17.811	10.9	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.007	15.0	84	0.00
78	4-Chlorotoluene	20.000	18.312	8.4	95	0.00
79	tert-butylbenzene	20.000	17.944	10.3	95	0.00
80	1,2,4-Trimethylbenzene	20.000	18.660	6.7	98	0.00
81	sec-Butylbenzene	20.000	17.590	12.1	95	0.00
82	p-Isopropyltoluene	20.000	18.004	10.0	96	0.00
83 M	1,3-Dichlorobenzene	20.000	18.267	8.7	98	0.00
84 M	1,4-Dichlorobenzene	20.000	16.508	17.5	101	0.00
85	n-Butylbenzene	20.000	14.939	25.3	88	0.00
86 T	Hexachloroethane	20.000	18.135	9.3	102	0.00
87 M	1,2-Dichlorobenzene	20.000	17.608	12.0	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.918	10.4	96	0.00
89	1,2,4-Trichlorobenzene	20.000	15.178	24.1	88	0.00
90	Hexachlorobutadiene	20.000	15.926	20.4	91	0.00
91 M	Naphthalene	20.000	12.402	38.0#	81	0.00
92	1,2,3-Trichlorobenzene	20.000	14.546	27.3	88	0.00

(#) = Out of Range

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