

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
 Data File : VN067369.D
 Acq On : 16 Jun 2021 18:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 17 04:22:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 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	20.000	18.936	5.3	97	0.00
3 M	Chloromethane	20.000	18.812	5.9	97	0.00
4 M	Vinyl Chloride	20.000	18.200	9.0	94	0.00
5 M	Bromomethane	20.000	19.309	3.5	97	0.00
6 M	Chloroethane	20.000	18.938	5.3	98	0.00
7 M	Trichlorofluoromethane	20.000	18.722	6.4	97	0.00
8 T	Diethyl Ether	20.000	18.837	5.8	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.015	4.9	98	0.00
10 M	1,1-Dichloroethene	20.000	18.770	6.2	95	0.00
11	Methyl Iodide	20.000	15.982	20.1	88	0.00
12	Methyl Acetate	20.000	19.289	3.6	100	0.00
13 M	Acrolein	100.000	101.523	-1.5	104	0.00
14 M	Acrylonitrile	100.000	95.864	4.1	100	0.00
15 M	Acetone	100.000	101.761	-1.8	106	0.00
16 M	Carbon Disulfide	20.000	18.919	5.4	98	0.00
17	Allyl chloride	20.000	18.552	7.2	97	0.00
18 M	Methylene Chloride	20.000	19.400	3.0	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.910	5.4	97	0.00
20 T	Diisopropyl ether	20.000	19.148	4.3	99	0.00
21 M	1,1-Dichloroethane	20.000	19.172	4.1	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.083	4.6	97	0.00
23 M	tert-Butyl Alcohol	100.000	88.042	12.0	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.671	6.6	96	0.00
25 M	Chloroform	20.000	18.945	5.3	98	0.00
26	Cyclohexane	20.000	19.593	2.0	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.562	-1.9	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	18.870	5.6	100	0.00
30 M	2-Butanone	100.000	92.011	8.0	99	0.00
31	2,2-Dichloropropane	20.000	22.054	-10.3	114	0.00
32 M	1,1,1-Trichloroethane	20.000	17.435	12.8	89	0.00
33 M	Carbon Tetrachloride	20.000	16.846	15.8	88	0.00
34 M	Benzene	20.000	18.958	5.2	98	0.00
35	Methacrylonitrile	20.000	18.649	6.8	98	0.00
36 M	1,2-Dichloroethane	20.000	18.726	6.4	101	0.00
37 M	Trichloroethene	20.000	17.799	11.0	92	0.00
38	Methylcyclohexane	20.000	20.840	-4.2	111	0.00
39 M	1,2-Dichloropropane	20.000	19.047	4.8	100	0.00
40	Dibromomethane	20.000	18.085	9.6	95	0.00
41 M	Bromodichloromethane	20.000	17.819	10.9	93	0.00
42 M	Vinyl Acetate	100.000	91.378	8.6	96	0.00
43	Ethyl Acetate	20.000	18.674	6.6	97	0.00
44	Isopropyl Acetate	20.000	18.104	9.5	96	0.00
45 T	1,4-Dioxane	400.000	352.124	12.0	92	0.00
46	Methyl methacrylate	20.000	17.257	13.7	94	0.00
47	n-amyl Acetate	20.000	16.446	17.8	92	0.00
48 M	t-1,3-Dichloropropene	20.000	18.023	9.9	96	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
 Data File : VN067369.D
 Acq On : 16 Jun 2021 18:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 17 04:22:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 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	18.959	5.2	102	0.00
50 M	1,1,2-Trichloroethane	20.000	18.584	7.1	98	0.00
51	Ethyl methacrylate	20.000	17.730	11.3	95	0.00
52	1,3-Dichloropropane	20.000	18.920	5.4	100	0.00
53 M	Dibromochloromethane	20.000	16.880	15.6	91	0.00
54 M	1,2-Dibromoethane	20.000	17.708	11.5	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.858	10.1	104	0.00
56 M	Bromoform	20.000	15.518	22.4	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.344	7.7	97	0.00
59 M	2-Hexanone	100.000	90.126	9.9	96	0.00
60 S	4-Bromofluorobenzene	30.000	27.762	7.5	88	0.00
61 M	Tetrachloroethene	20.000	17.976	10.1	88	0.00
62 M	Toluene	20.000	19.024	4.9	99	0.00
63 S	Toluene-d8	30.000	31.229	-4.1	97	0.00
64 M	Chlorobenzene	20.000	18.070	9.6	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.689	11.6	92	0.00
66 M	Ethyl Benzene	20.000	18.566	7.2	97	0.00
67 M	m/p-Xylenes	40.000	36.814	8.0	97	0.00
68 M	o-Xylene	20.000	17.864	10.7	95	0.00
69 M	Styrene	20.000	17.434	12.8	93	0.00
70	Isopropylbenzene	20.000	18.683	6.6	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.520	7.4	99	0.00
72	1,2,3-Trichloropropane	20.000	19.149	4.3	102	0.00
73	Bromobenzene	20.000	16.698	16.5	89	0.00
74	n-propylbenzene	20.000	18.611	6.9	100	0.00
75	2-Chlorotoluene	20.000	17.831	10.8	95	0.00
76	1,3,5-Trimethylbenzene	20.000	18.014	9.9	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.833	10.8	99	0.00
78	4-Chlorotoluene	20.000	17.834	10.8	96	0.00
79	tert-butylbenzene	20.000	18.080	9.6	96	0.00
80	1,2,4-Trimethylbenzene	20.000	18.018	9.9	96	0.00
81	sec-Butylbenzene	20.000	19.073	4.6	102	0.00
82	p-Isopropyltoluene	20.000	18.548	7.3	100	0.00
83 M	1,3-Dichlorobenzene	20.000	17.204	14.0	94	0.00
84 M	1,4-Dichlorobenzene	20.000	17.141	14.3	93	0.00
85	n-Butylbenzene	20.000	19.421	2.9	107	0.00
86 T	Hexachloroethane	20.000	17.353	13.2	97	0.00
87 M	1,2-Dichlorobenzene	20.000	17.266	13.7	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.859	20.7	84	0.00
89	1,2,4-Trichlorobenzene	20.000	16.556	17.2	91	0.00
90	Hexachlorobutadiene	20.000	16.787	16.1	91	0.00
91 M	Naphthalene	20.000	15.653	21.7	88	0.00
92	1,2,3-Trichlorobenzene	20.000	16.874	15.6	93	0.00

(#) = Out of Range

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