

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067593.D
 Acq On : 1 Jul 2021 13:11
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN070121

Quant Time: Jul 02 06:44:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 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	104	0.00
2 M	Dichlorodifluoromethane	20.000	18.695	6.5	104	0.00
3 M	Chloromethane	20.000	19.517	2.4	97	0.00
4 M	Vinyl Chloride	20.000	18.792	6.0	95	0.00
5 M	Bromomethane	20.000	20.180	-0.9	106	0.00
6 M	Chloroethane	20.000	18.747	6.3	93	0.00
7 M	Trichlorofluoromethane	20.000	18.241	8.8	88	0.00
8 T	Diethyl Ether	20.000	20.388	-1.9	117	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.642	6.8	101	0.00
10 M	1,1-Dichloroethene	20.000	18.436	7.8	100	0.00
11	Methyl Iodide	20.000	15.840	20.8	88	0.00
12	Methyl Acetate	20.000	20.558	-2.8	110	0.00
13 M	Acrolein	100.000	105.087	-5.1	116	0.00
14 M	Acrylonitrile	100.000	96.360	3.6	107	0.00
15 M	Acetone	100.000	102.680	-2.7	112	0.00
16 M	Carbon Disulfide	20.000	17.703	11.5	97	0.00
17	Allyl chloride	20.000	18.129	9.4	99	0.00
18 M	Methylene Chloride	20.000	19.205	4.0	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.651	11.7	98	0.00
20 T	Diisopropyl ether	20.000	18.251	8.7	105	0.00
21 M	1,1-Dichloroethane	20.000	18.329	8.4	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.714	11.4	98	0.00
23 M	tert-Butyl Alcohol	100.000	100.169	-0.2	118	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.482	7.6	103	0.00
25 M	Chloroform	20.000	17.738	11.3	96	0.00
26	Cyclohexane	20.000	17.155	14.2	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.170	-7.2	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	17.955	10.2	98	0.00
30 M	2-Butanone	100.000	97.077	2.9	107	0.00
31	2,2-Dichloropropane	20.000	16.620	16.9	92	0.00
32 M	1,1,1-Trichloroethane	20.000	16.770	16.2	93	0.00
33 M	Carbon Tetrachloride	20.000	16.530	17.3	93	0.00
34 M	Benzene	20.000	17.238	13.8	96	0.00
35	Methacrylonitrile	20.000	19.701	1.5	113	0.00
36 M	1,2-Dichloroethane	20.000	17.818	10.9	98	0.00
37 M	Trichloroethene	20.000	17.540	12.3	96	0.00
38	Methylcyclohexane	20.000	16.906	15.5	94	0.00
39 M	1,2-Dichloropropane	20.000	17.807	11.0	95	0.00
40	Dibromomethane	20.000	18.006	10.0	101	0.00
41 M	Bromodichloromethane	20.000	17.220	13.9	97	0.00
42 M	Vinyl Acetate	100.000	90.214	9.8	103	0.00
43	Ethyl Acetate	20.000	17.405	13.0	96	0.00
44	Isopropyl Acetate	20.000	18.586	7.1	103	0.00
45 T	1,4-Dioxane	400.000	371.202	7.2	111	0.00
46	Methyl methacrylate	20.000	18.156	9.2	100	0.00
47	n-amyl Acetate	20.000	17.257	13.7	102	0.00
48 M	t-1,3-Dichloropropene	20.000	16.665	16.7	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070121\
 Data File : VN067593.D
 Acq On : 1 Jul 2021 13:11
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN070121

Quant Time: Jul 02 06:44:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N070121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 01 12:09:22 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	16.748	16.3	96	0.00
50 M	1,1,2-Trichloroethane	20.000	17.395	13.0	99	0.00
51	Ethyl methacrylate	20.000	17.182	14.1	103	0.00
52	1,3-Dichloropropane	20.000	17.616	11.9	99	0.00
53 M	Dibromochloromethane	20.000	15.972	20.1	96	0.00
54 M	1,2-Dibromoethane	20.000	17.077	14.6	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.959	19.0	111	0.00
56 M	Bromoform	20.000	14.277	28.6	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.125	5.9	103	0.00
59 M	2-Hexanone	100.000	95.357	4.6	104	0.00
60 S	4-Bromofluorobenzene	30.000	28.751	4.2	97	0.00
61 M	Tetrachloroethene	20.000	17.466	12.7	92	0.00
62 M	Toluene	20.000	17.252	13.7	94	0.00
63 S	Toluene-d8	30.000	29.842	0.5	98	0.00
64 M	Chlorobenzene	20.000	17.049	14.8	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	16.679	16.6	94	0.00
66 M	Ethyl Benzene	20.000	17.082	14.6	94	0.00
67 M	m/p-Xylenes	40.000	33.678	15.8	93	0.00
68 M	o-Xylene	20.000	16.843	15.8	93	0.00
69 M	Styrene	20.000	16.478	17.6	95	0.00
70	Isopropylbenzene	20.000	16.590	17.1	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.808	11.0	98	0.00
72	1,2,3-Trichloropropane	20.000	18.920	5.4	98	0.00
73	Bromobenzene	20.000	16.356	18.2	93	0.00
74	n-propylbenzene	20.000	16.751	16.2	94	0.00
75	2-Chlorotoluene	20.000	17.107	14.5	94	0.00
76	1,3,5-Trimethylbenzene	20.000	16.466	17.7	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.107	24.5	99	0.00
78	4-Chlorotoluene	20.000	16.617	16.9	93	0.00
79	tert-butylbenzene	20.000	16.299	18.5	91	0.00
80	1,2,4-Trimethylbenzene	20.000	16.516	17.4	92	0.00
81	sec-Butylbenzene	20.000	16.389	18.1	91	0.00
82	p-Isopropyltoluene	20.000	16.101	19.5	92	0.00
83 M	1,3-Dichlorobenzene	20.000	16.137	19.3	94	0.00
84 M	1,4-Dichlorobenzene	20.000	16.216	18.9	94	0.00
85	n-Butylbenzene	20.000	16.199	19.0	93	0.00
86 T	Hexachloroethane	20.000	15.482	22.6	93	0.00
87 M	1,2-Dichlorobenzene	20.000	16.479	17.6	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.454	12.7	97	0.00
89	1,2,4-Trichlorobenzene	20.000	16.979	15.1	102	0.00
90	Hexachlorobutadiene	20.000	17.105	14.5	97	0.00
91 M	Naphthalene	20.000	18.175	9.1	116	0.00
92	1,2,3-Trichlorobenzene	20.000	17.730	11.3	106	0.00

(#) = Out of Range

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