

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070041.D
 Acq On : 13 Dec 2021 19:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 14 05:28:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	20.651	-3.3	94	0.00
3 M	Chloromethane	20.000	20.799	-4.0	96	0.00
4 M	Vinyl Chloride	20.000	19.734	1.3	94	0.00
5 M	Bromomethane	20.000	19.314	3.4	92	0.01
6 M	Chloroethane	20.000	20.155	-0.8	95	0.00
7 M	Trichlorofluoromethane	20.000	19.798	1.0	92	0.00
8 T	Diethyl Ether	20.000	19.228	3.9	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.258	3.7	91	0.00
10 M	1,1-Dichloroethene	20.000	19.282	3.6	92	0.00
11	Methyl Iodide	20.000	19.261	3.7	92	0.00
12	Methyl Acetate	20.000	20.528	-2.6	103	0.00
13 M	Acrolein	100.000	97.264	2.7	100	0.00
14 M	Acrylonitrile	100.000	102.789	-2.8	104	0.00
15 M	Acetone	100.000	81.577	18.4	71	0.00
16 M	Carbon Disulfide	20.000	18.778	6.1	89	0.00
17	Allyl chloride	20.000	19.097	4.5	94	0.00
18 M	Methylene Chloride	20.000	19.861	0.7	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.948	5.3	90	0.00
20 T	Diisopropyl ether	20.000	19.842	0.8	97	0.00
21 M	1,1-Dichloroethane	20.000	19.325	3.4	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.205	4.0	94	0.00
23 M	tert-Butyl Alcohol	100.000	101.380	-1.4	112	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.852	0.7	98	0.00
25 M	Chloroform	20.000	19.765	1.2	95	0.00
26	Cyclohexane	20.000	19.230	3.8	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.559	-1.9	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	19.362	3.2	91	0.00
30 M	2-Butanone	100.000	95.860	4.1	91	0.00
31	2,2-Dichloropropane	20.000	18.172	9.1	90	0.00
32 M	1,1,1-Trichloroethane	20.000	19.704	1.5	96	0.00
33 M	Carbon Tetrachloride	20.000	19.746	1.3	94	0.00
34 M	Benzene	20.000	19.844	0.8	94	0.00
35	Methacrylonitrile	20.000	21.635	-8.2	112	0.00
36 M	1,2-Dichloroethane	20.000	19.649	1.8	94	0.00
37 M	Trichloroethene	20.000	18.948	5.3	92	0.00
38	Methylcyclohexane	20.000	18.455	7.7	89	0.00
39 M	1,2-Dichloropropane	20.000	20.072	-0.4	96	0.00
40	Dibromomethane	20.000	19.958	0.2	94	0.00
41 M	Bromodichloromethane	20.000	19.672	1.6	94	0.00
42 M	Vinyl Acetate	100.000	88.059	11.9	87	0.00
43	Ethyl Acetate	20.000	20.579	-2.9	105	0.00
44	Isopropyl Acetate	20.000	20.480	-2.4	103	0.00
45 T	1,4-Dioxane	400.000	448.846	-12.2	109	0.00
46	Methyl methacrylate	20.000	19.414	2.9	96	0.00
47	n-amyl Acetate	20.000	18.430	7.9	105	0.00
48 M	t-1,3-Dichloropropene	20.000	18.221	8.9	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.877	5.6	95	0.00
50 M	1,1,2-Trichloroethane	20.000	20.294	-1.5	98	0.00
51	Ethyl methacrylate	20.000	19.013	4.9	100	0.00
52	1,3-Dichloropropane	20.000	19.872	0.6	95	0.00
53 M	Dibromochloromethane	20.000	19.523	2.4	96	0.00
54 M	1,2-Dibromoethane	20.000	19.450	2.8	97	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.673	9.3	102	0.00
56 M	Bromoform	20.000	19.033	4.8	97	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.468	-8.5	105	0.00
59 M	2-Hexanone	100.000	102.230	-2.2	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.419	1.9	92	0.00
61 M	Tetrachloroethene	20.000	19.241	3.8	88	0.00
62 M	Toluene	20.000	19.996	0.0	93	0.00
63 S	Toluene-d8	30.000	31.218	-4.1	92	0.00
64 M	Chlorobenzene	20.000	19.345	3.3	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.169	-0.8	96	0.00
66 M	Ethyl Benzene	20.000	19.344	3.3	91	0.00
67 M	m/p-Xylenes	40.000	39.132	2.2	92	0.00
68 M	o-Xylene	20.000	19.295	3.5	91	0.00
69 M	Styrene	20.000	18.975	5.1	91	0.00
70	Isopropylbenzene	20.000	19.276	3.6	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.057	-5.3	100	0.00
72	1,2,3-Trichloropropane	20.000	21.633	-8.2	98	0.00
73	Bromobenzene	20.000	19.227	3.9	92	0.00
74	n-propylbenzene	20.000	18.718	6.4	90	0.00
75	2-Chlorotoluene	20.000	19.014	4.9	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.158	4.2	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.067	4.7	103	0.00
78	4-Chlorotoluene	20.000	18.552	7.2	90	0.00
79	tert-butylbenzene	20.000	18.930	5.4	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.035	4.8	90	0.00
81	sec-Butylbenzene	20.000	18.753	6.2	92	0.00
82	p-Isopropyltoluene	20.000	18.284	8.6	89	0.00
83 M	1,3-Dichlorobenzene	20.000	18.801	6.0	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.277	8.6	89	0.00
85	n-Butylbenzene	20.000	16.458	17.7	85	0.00
86 T	Hexachloroethane	20.000	18.946	5.3	95	0.00
87 M	1,2-Dichlorobenzene	20.000	19.319	3.4	92	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.560	-2.8	108	0.00
89	1,2,4-Trichlorobenzene	20.000	17.103	14.5	88	0.00
90	Hexachlorobutadiene	20.000	18.657	6.7	86	0.00
91 M	Naphthalene	20.000	20.068	-0.3	101	0.00
92	1,2,3-Trichlorobenzene	20.000	18.439	7.8	94	0.00

(#) = Out of Range

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