

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041522\
 Data File : VN072002.D
 Acq On : 15 Apr 2022 14:46
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 15 23:27:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 T	Bromochloromethane	50.000	30.000	40.0#	64	0.00
2 T	Dichlorodifluoromethane	50.000	23.145	53.7#	70	0.00
3 P	Chloromethane	50.000	19.884	60.2#	61	0.00
4 C	Vinyl Chloride	50.000	17.898	64.2#	54	0.00
5 T	Bromomethane	50.000	18.938	62.1#	52	0.00
6 T	Chloroethane	50.000	17.002	66.0#	46	0.00
7 T	Trichlorofluoromethane	50.000	20.393	59.2#	57	0.00
8 T	Diethyl Ether	50.000	18.499	63.0#	50	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	20.485	59.0#	56	0.00
10 CM	1,1-Dichloroethene	50.000	19.333	61.3#	54	0.00
11 T	Methyl Iodide	50.000	18.101	63.8#	49	0.00
12 T	Methyl Acetate	50.000	18.637	62.7#	49	0.00
13 T	Acrolein	250.000	56.037	77.6#	16	0.00
14 T	Acrylonitrile	250.000	100.356	59.9#	52	0.00
15 T	Acetone	250.000	85.136	65.9#	16	0.00
16 T	Carbon Disulfide	50.000	19.880	60.2#	66	0.00
17 T	Allyl chloride	50.000	17.475	65.0#	48	0.00
18 T	Methylene Chloride	50.000	20.489	59.0#	57	0.00
19 T	trans-1,2-Dichloroethene	50.000	21.387	57.2#	59	0.00
20 T	Diisopropyl ether	50.000	19.833	60.3#	52	0.00
21 P	1,1-Dichloroethane	50.000	20.411	59.2#	55	0.00
22 T	cis-1,2-Dichloroethene	50.000	20.835	58.3#	55	0.00
23 T	tert-Butyl Alcohol	N/A	78.68	-57.4#	44	-10.33#
24 T	Methyl tert-butyl Ether	50.000	19.556	60.9#	51	0.00
25 C	Chloroform	50.000	20.632	58.7#	54	0.00
26 T	Cyclohexane	50.000	20.310	59.4#	56	0.00
27 S	1,2-Dichloroethane-d4	50.000	27.341	45.3#	68	0.00
28 I	1,4-Difluorobenzene	50.000	30.000	40.0#	68	0.00
29 T	1,1-Dichloropropene	50.000	21.284	57.4#	56	0.00
30 T	2-Butanone	250.000	94.083	62.4#	50	0.00
31 T	2,2-Dichloropropane	50.000	19.362	61.3#	50	0.00
32 T	1,1,1-Trichloroethane	50.000	20.960	58.1#	53	0.00
33 T	Carbon Tetrachloride	50.000	21.321	57.4#	56	0.00
34 TM	Benzene	50.000	21.538	56.9#	57	0.00
35 T	Methacrylonitrile	50.000	18.341	63.3#	47	0.00
36 TM	1,2-Dichloroethane	50.000	19.802	60.4#	53	0.00
37 TM	Trichloroethene	50.000	21.622	56.8#	56	0.00
38 T	Methylcyclohexane	50.000	21.403	57.2#	58	0.00
39 C	1,2-Dichloropropane	50.000	21.385	57.2#	56	0.00
40 T	Dibromomethane	50.000	21.276	57.4#	55	0.00
41 T	Bromodichloromethane	50.000	21.128	57.7#	54	0.00
42 T	Vinyl Acetate	250.000	96.846	61.3#	49	0.00
43 T	Ethyl Acetate	50.000	19.998	60.0#	49	0.00
44 T	Isopropyl Acetate	50.000	18.378	63.2#	48	0.00
45 T	1,4-Dioxane	1000.000	380.668	61.9#	49	0.00
46 T	Methyl methacrylate	50.000	18.033	63.9#	46	0.00
47 T	n-amyl Acetate	N/A	17.59	64.8#	75	-3.31#
48 T	t-1,3-Dichloropropene	50.000	20.036	59.9#	51	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	50.000	20.876	58.2#	53	0.00
50 T	1,1,2-Trichloroethane	50.000	22.038	55.9#	55	0.00
51 T	Ethyl methacrylate	50.000	20.973	58.1#	52	0.00
52 T	1,3-Dichloropropane	50.000	21.555	56.9#	55	0.00
53 T	Dibromochloromethane	50.000	22.263	55.5#	56	0.00
54 T	1,2-Dibromoethane	50.000	21.667	56.7#	55	0.00
55 T	2-Chloroethyl Vinyl ether	250.000	127.329	49.1#	66	0.00
56 P	Bromoform	50.000	21.692	56.6#	54	0.00
57 I	Chlorobenzene-d5	50.000	30.000	40.0#	69	0.00
58 T	4-Methyl-2-Pentanone	250.000	98.343	60.7#	50	0.00
59 T	2-Hexanone	250.000	94.658	62.1#	48	0.00
60 S	4-Bromofluorobenzene	50.000	29.948	40.1#	68	0.00
61 T	Tetrachloroethene	50.000	23.387	53.2#	61	0.00
62 CM	Toluene	50.000	21.980	56.0#	98	0.00
63 S	Toluene-d8	50.000	30.085	39.8#	71	0.00
64 PM	Chlorobenzene	50.000	21.777	56.4#	55	0.00
65 T	1,1,1,2-Tetrachloroethane	50.000	21.611	56.8#	55	0.00
66 C	Ethyl Benzene	50.000	21.351	57.3#	54	0.00
67 T	m/p-Xylenes	100.000	43.084	56.9#	54	0.00
68 T	o-Xylene	50.000	21.406	57.2#	54	0.00
69 T	Styrene	50.000	21.425	57.1#	53	0.00
70 T	Isopropylbenzene	50.000	21.194	57.6#	52	0.00
71 P	1,1,2,2-Tetrachloroethane	50.000	21.114	57.8#	52	0.00
72 T	1,2,3-Trichloropropane	50.000	21.090	57.8#	54	0.00
73 T	Bromobenzene	50.000	20.912	58.2#	52	0.00
74 T	n-propylbenzene	50.000	21.208	57.6#	52	0.00
75 T	2-Chlorotoluene	50.000	20.975	58.1#	53	0.00
76 T	1,3,5-Trimethylbenzene	50.000	21.752	56.5#	54	0.00
77 T	t-1,4-Dichloro-2-butene	N/A	18.24	63.5#	24	-3.07#
78 T	4-Chlorotoluene	50.000	20.904	58.2#	51	0.00
79 T	tert-Butylbenzene	50.000	21.135	57.7#	51	0.00
80 T	1,2,4-Trimethylbenzene	50.000	21.802	56.4#	53	0.00
81 T	sec-Butylbenzene	50.000	20.978	58.0#	51	0.00
82 T	p-Isopropyltoluene	50.000	21.074	57.9#	50	0.00
83 T	1,3-Dichlorobenzene	50.000	21.270	57.5#	51	0.00
84 T	1,4-Dichlorobenzene	50.000	21.035	57.9#	50	0.00
85 T	n-Butylbenzene	50.000	19.537	60.9#	46	0.00
86 T	Hexachloroethane	50.000	19.879	60.2#	50	0.00
87 T	1,2-Dichlorobenzene	50.000	21.351	57.3#	52	0.00
88 T	1,2-Dibromo-3-Chloropropane	50.000	18.270	63.5#	47	0.00
89 T	1,2,4-Trichlorobenzene	50.000	20.210	59.6#	47	0.00
90 T	Hexachlorobutadiene	50.000	23.422	53.2#	53	0.00
91 T	Naphthalene	50.000	19.731	60.5#	42	0.00
92 T	1,2,3-Trichlorobenzene	50.000	20.030	59.9#	47	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6