

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072036.D
 Acq On : 18 Apr 2022 16:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 01:19:57 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 : 0.050 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	71	0.00
2 M	Dichlorodifluoromethane	20.000	20.443	-2.2	70	0.00
3 M	Chloromethane	20.000	18.983	5.1	68	0.00
4 M	Vinyl Chloride	20.000	16.458	17.7	60	0.00
5 M	Bromomethane	20.000	8.061	59.7#	26	-0.05
6 M	Chloroethane	20.000	17.201	14.0	62	-0.08
7 M	Trichlorofluoromethane	20.000	18.913	5.4	68	-0.05
8 T	Diethyl Ether	20.000	18.947	5.3	69	-0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	19.572	2.1	69	-0.03
10 M	1,1-Dichloroethene	20.000	18.546	7.3	67	-0.03
11	Methyl Iodide	20.000	18.012	9.9	66	-0.02
12	Methyl Acetate	20.000	19.075	4.6	70	0.00
13 M	Acrolein	100.000	68.241	31.8#	52	0.00
14 M	Acrylonitrile	100.000	97.133	2.9	71	0.00
15 M	Acetone	100.000	82.547	17.5	57	0.00
16 M	Carbon Disulfide	20.000	17.785	11.1	66	-0.02
17	Allyl chloride	20.000	16.967	15.2	63	-0.02
18 M	Methylene Chloride	20.000	20.868	-4.3	76	-0.02
19 M	trans-1,2-Dichloroethene	20.000	19.199	4.0	70	-0.01
20 T	Diisopropyl ether	20.000	18.381	8.1	66	0.00
21 M	1,1-Dichloroethane	20.000	18.800	6.0	68	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.401	3.0	70	0.00
23 M	tert-Butyl Alcohol	100.000	59.665	40.3#	45	0.05
24 M	Methyl tert-Butyl Ether	20.000	18.224	8.9	66	-0.01
25 M	Chloroform	20.000	19.242	3.8	69	0.00
26	Cyclohexane	20.000	18.284	8.6	67	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.551	4.8	67	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	71	0.00
29	1,1-Dichloropropene	20.000	18.398	8.0	67	0.00
30 M	2-Butanone	100.000	87.855	12.1	64	0.00
31	2,2-Dichloropropane	20.000	17.515	12.4	64	0.00
32 M	1,1,1-Trichloroethane	20.000	18.578	7.1	68	0.00
33 M	Carbon Tetrachloride	20.000	18.472	7.6	67	0.00
34 M	Benzene	20.000	19.785	1.1	71	0.00
35	Methacrylonitrile	20.000	17.671	11.6	61	0.00
36 M	1,2-Dichloroethane	20.000	18.070	9.6	65	0.00
37 M	Trichloroethene	20.000	19.440	2.8	71	0.00
38	Methylcyclohexane	20.000	17.980	10.1	66	0.00
39 M	1,2-Dichloropropane	20.000	19.534	2.3	70	0.00
40	Dibromomethane	20.000	19.808	1.0	72	0.00
41 M	Bromodichloromethane	20.000	18.755	6.2	69	0.00
42 M	Vinyl Acetate	100.000	87.572	12.4	64	0.00
43	Ethyl Acetate	20.000	18.198	9.0	65	0.00
44	Isopropyl Acetate	20.000	17.861	10.7	67	0.00
45 T	1,4-Dioxane	400.000	202.631	49.3#	36	0.00
46	Methyl methacrylate	20.000	18.041	9.8	70	0.00
47	n-amyl Acetate	20.000	16.967	15.2	68	0.00
48 M	t-1,3-Dichloropropene	20.000	19.382	3.1	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.913	5.4	71	0.00
50 M	1,1,2-Trichloroethane	20.000	21.813	-9.1	79	0.00
51	Ethyl methacrylate	20.000	20.958	-4.8	80	0.00
52	1,3-Dichloropropane	20.000	20.917	-4.6	75	0.00
53 M	Dibromochloromethane	20.000	21.095	-5.5	79	0.00
54 M	1,2-Dibromoethane	20.000	21.243	-6.2	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	116.020	-16.0	87	0.00
56 M	Bromoform	20.000	19.254	3.7	74	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	86.220	13.8	73	0.00
59 M	2-Hexanone	100.000	78.130	21.9	67	0.00
60 S	4-Bromofluorobenzene	30.000	27.633	7.9	78	0.00
61 M	Tetrachloroethene	20.000	18.442	7.8	76	0.00
62 M	Toluene	20.000	18.776	6.1	78	0.00
63 S	Toluene-d8	30.000	27.936	6.9	75	0.00
64 M	Chlorobenzene	20.000	19.315	3.4	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.376	8.1	77	0.00
66 M	Ethyl Benzene	20.000	18.663	6.7	80	0.00
67 M	m/p-Xylenes	40.000	38.568	3.6	82	0.00
68 M	o-Xylene	20.000	18.856	5.7	81	0.00
69 M	Styrene	20.000	18.241	8.8	80	0.00
70	Isopropylbenzene	20.000	18.797	6.0	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.947	15.3	70	0.00
72	1,2,3-Trichloropropane	20.000	14.939	25.3	61	0.00
73	Bromobenzene	20.000	17.776	11.1	78	0.00
74	n-propylbenzene	20.000	18.105	9.5	80	0.00
75	2-Chlorotoluene	20.000	18.084	9.6	78	0.00
76	1,3,5-Trimethylbenzene	20.000	19.385	3.1	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.734	26.3	70	0.00
78	4-Chlorotoluene	20.000	17.527	12.4	77	0.00
79	tert-butylbenzene	20.000	18.146	9.3	78	0.00
80	1,2,4-Trimethylbenzene	20.000	19.376	3.1	83	0.00
81	sec-Butylbenzene	20.000	18.021	9.9	79	0.00
82	p-Isopropyltoluene	20.000	18.431	7.8	82	0.00
83 M	1,3-Dichlorobenzene	20.000	17.366	13.2	78	0.00
84 M	1,4-Dichlorobenzene	20.000	17.136	14.3	77	0.00
85	n-Butylbenzene	20.000	17.376	13.1	83	0.00
86 T	Hexachloroethane	20.000	15.944	20.3	70	0.00
87 M	1,2-Dichlorobenzene	20.000	18.084	9.6	77	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.296	23.5	69	0.00
89	1,2,4-Trichlorobenzene	20.000	16.228	18.9	78	0.00
90	Hexachlorobutadiene	20.000	18.366	8.2	80	0.00
91 M	Naphthalene	20.000	18.275	8.6	83	0.00
92	1,2,3-Trichlorobenzene	20.000	17.242	13.8	82	0.00

(#) = Out of Range

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