

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033021\
 Data File : VN066432.D
 Acq On : 30 Mar 2021 20:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 31 02:56:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	18.637	6.8	76	0.00
3 M	Chloromethane	20.000	19.680	1.6	81	0.00
4 M	Vinyl Chloride	20.000	20.665	-3.3	84	0.00
5 M	Bromomethane	20.000	17.336	13.3	73	0.00
6 M	Chloroethane	20.000	17.175	14.1	70	0.00
7 M	Trichlorofluoromethane	20.000	16.532	17.3	69	0.00
8 T	Diethyl Ether	20.000	18.817	5.9	76	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.475	2.6	79	0.00
10 M	1,1-Dichloroethene	20.000	19.444	2.8	81	0.00
11	Methyl Iodide	20.000	19.081	4.6	75	0.00
12	Methyl Acetate	20.000	20.688	-3.4	80	0.00
13 M	Acrolein	100.000	91.987	8.0	79	0.00
14 M	Acrylonitrile	100.000	96.681	3.3	77	0.00
15 M	Acetone	100.000	85.581	14.4	74	0.00
16 M	Carbon Disulfide	20.000	18.262	8.7	74	0.00
17	Allyl chloride	20.000	17.659	11.7	67	0.00
18 M	Methylene Chloride	20.000	20.491	-2.5	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.089	4.6	78	0.00
20 T	Diisopropyl ether	20.000	19.782	1.1	80	0.00
21 M	1,1-Dichloroethane	20.000	19.811	0.9	80	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.381	3.1	78	0.00
23 M	tert-Butyl Alcohol	100.000	87.791	12.2	68	-0.02
24 M	Methyl tert-Butyl Ether	20.000	18.811	5.9	76	0.00
25 M	Chloroform	20.000	19.770	1.2	79	0.00
26	Cyclohexane	20.000	18.214	8.9	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.441	1.9	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	77	0.00
29	1,1-Dichloropropene	20.000	19.413	2.9	77	0.00
30 M	2-Butanone	100.000	93.213	6.8	73	0.00
31	2,2-Dichloropropane	20.000	18.724	6.4	73	0.00
32 M	1,1,1-Trichloroethane	20.000	19.914	0.4	79	0.00
33 M	Carbon Tetrachloride	20.000	19.159	4.2	75	0.00
34 M	Benzene	20.000	20.964	-4.8	82	0.00
35	Methacrylonitrile	20.000	19.864	0.7	82	0.00
36 M	1,2-Dichloroethane	20.000	19.523	2.4	75	0.00
37 M	Trichloroethene	20.000	19.108	4.5	75	0.00
38	Methylcyclohexane	20.000	18.143	9.3	72	0.00
39 M	1,2-Dichloropropane	20.000	20.676	-3.4	81	0.00
40	Dibromomethane	20.000	19.987	0.1	78	0.00
41 M	Bromodichloromethane	20.000	19.511	2.4	76	0.00
42 M	Vinyl Acetate	100.000	94.602	5.4	74	0.00
43	Ethyl Acetate	20.000	20.246	-1.2	77	0.00
44	Isopropyl Acetate	20.000	18.668	6.7	72	0.00
45 T	1,4-Dioxane	400.000	381.065	4.7	73	0.00
46	Methyl methacrylate	20.000	16.655	16.7	65	0.00
47	n-amyl Acetate	20.000	15.427	22.9	59	0.00
48 M	t-1,3-Dichloropropene	20.000	18.478	7.6	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.114	4.4	75	0.00
50 M	1,1,2-Trichloroethane	20.000	20.929	-4.6	81	0.00
51	Ethyl methacrylate	20.000	17.231	13.8	67	0.00
52	1,3-Dichloropropane	20.000	20.215	-1.1	78	0.00
53 M	Dibromochloromethane	20.000	19.390	3.0	75	0.00
54 M	1,2-Dibromoethane	20.000	19.792	1.0	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	76.681	23.3	57	0.00
56 M	Bromoform	20.000	19.150	4.3	74	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.398	6.6	73	0.00
59 M	2-Hexanone	100.000	81.312	18.7	63	0.00
60 S	4-Bromofluorobenzene	30.000	28.906	3.6	74	0.00
61 M	Tetrachloroethene	20.000	18.773	6.1	74	0.00
62 M	Toluene	20.000	19.605	2.0	78	0.00
63 S	Toluene-d8	30.000	30.208	-0.7	78	0.00
64 M	Chlorobenzene	20.000	19.992	0.0	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.981	0.1	79	0.00
66 M	Ethyl Benzene	20.000	19.506	2.5	77	0.00
67 M	m/p-Xylenes	40.000	39.058	2.4	77	0.00
68 M	o-Xylene	20.000	19.146	4.3	75	0.00
69 M	Styrene	20.000	18.796	6.0	74	0.00
70	Isopropylbenzene	20.000	19.261	3.7	76	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.432	-7.2	82	0.00
72	1,2,3-Trichloropropane	20.000	19.746	1.3	75	0.00
73	Bromobenzene	20.000	19.911	0.4	77	0.00
74	n-propylbenzene	20.000	19.525	2.4	77	0.00
75	2-Chlorotoluene	20.000	19.770	1.2	78	0.00
76	1,3,5-Trimethylbenzene	20.000	19.180	4.1	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.258	8.7	69	0.00
78	4-Chlorotoluene	20.000	19.605	2.0	76	0.00
79	tert-butylbenzene	20.000	19.212	3.9	77	0.00
80	1,2,4-Trimethylbenzene	20.000	18.545	7.3	74	0.00
81	sec-Butylbenzene	20.000	19.139	4.3	76	0.00
82	p-Isopropyltoluene	20.000	18.531	7.3	74	0.00
83 M	1,3-Dichlorobenzene	20.000	19.741	1.3	78	0.00
84 M	1,4-Dichlorobenzene	20.000	19.196	4.0	75	0.00
85	n-Butylbenzene	20.000	17.929	10.4	71	0.00
86 T	Hexachloroethane	20.000	19.905	0.5	78	0.00
87 M	1,2-Dichlorobenzene	20.000	19.897	0.5	78	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.342	8.3	70	0.00
89	1,2,4-Trichlorobenzene	20.000	17.909	10.5	73	0.00
90	Hexachlorobutadiene	20.000	19.336	3.3	79	0.00
91 M	Naphthalene	20.000	16.594	17.0	66	0.00
92	1,2,3-Trichlorobenzene	20.000	17.319	13.4	69	0.00

(#) = Out of Range

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