

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021221\
 Data File : VN065852.D
 Acq On : 12 Feb 2021 20:50
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 13 01:02:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	19.062	4.7	112	0.00
3 M	Chloromethane	20.000	17.748	11.3	104	0.00
4 M	Vinyl Chloride	20.000	18.708	6.5	109	0.00
5 M	Bromomethane	20.000	17.686	11.6	103	0.00
6 M	Chloroethane	20.000	18.245	8.8	107	0.00
7 M	Trichlorofluoromethane	20.000	19.051	4.7	111	0.00
8 T	Diethyl Ether	20.000	19.051	4.7	111	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.074	-0.4	116	0.00
10 M	1,1-Dichloroethene	20.000	19.406	3.0	113	0.00
11	Methyl Iodide	20.000	17.033	14.8	100	0.00
12	Methyl Acetate	20.000	16.676	16.6	97	0.00
13 M	Acrolein	100.000	106.201	-6.2	112	0.00
14 M	Acrylonitrile	100.000	82.618	17.4	96	0.00
15 M	Acetone	100.000	70.599	29.4	71	0.00
16 M	Carbon Disulfide	20.000	17.111	14.4	101	0.00
17	Allyl chloride	20.000	16.144	19.3	96	0.00
18 M	Methylene Chloride	20.000	18.943	5.3	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.572	7.1	110	0.00
20 T	Diisopropyl ether	20.000	16.997	15.0	98	0.00
21 M	1,1-Dichloroethane	20.000	18.115	9.4	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.589	7.1	109	0.00
23 M	tert-Butyl Alcohol	100.000	74.647	25.4	83	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.094	9.5	106	0.00
25 M	Chloroform	20.000	18.669	6.7	108	0.00
26	Cyclohexane	20.000	17.487	12.6	102	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.301	5.7	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	17.972	10.1	107	0.00
30 M	2-Butanone	100.000	74.807	25.2	84	0.00
31	2,2-Dichloropropane	20.000	15.851	20.7	92	0.00
32 M	1,1,1-Trichloroethane	20.000	18.314	8.4	108	0.00
33 M	Carbon Tetrachloride	20.000	18.117	9.4	107	0.00
34 M	Benzene	20.000	18.495	7.5	109	0.00
35	Methacrylonitrile	20.000	15.019	24.9	96	0.00
36 M	1,2-Dichloroethane	20.000	18.141	9.3	105	0.00
37 M	Trichloroethene	20.000	19.560	2.2	115	0.00
38	Methylcyclohexane	20.000	17.380	13.1	103	0.00
39 M	1,2-Dichloropropane	20.000	17.963	10.2	105	0.00
40	Dibromomethane	20.000	17.943	10.3	104	0.00
41 M	Bromodichloromethane	20.000	17.134	14.3	102	0.00
42 M	Vinyl Acetate	100.000	79.411	20.6	93	0.00
43	Ethyl Acetate	20.000	16.444	17.8	96	0.00
44	Isopropyl Acetate	20.000	15.567	22.2	90	0.00
45 T	1,4-Dioxane	400.000	322.423	19.4	88	0.00
46	Methyl methacrylate	20.000	16.372	18.1	97	0.00
47	n-amyl Acetate	20.000	15.614	21.9	97	0.00
48 M	t-1,3-Dichloropropene	20.000	16.395	18.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.991	15.0	101	0.00
50 M	1,1,2-Trichloroethane	20.000	18.874	5.6	111	0.00
51	Ethyl methacrylate	20.000	17.275	13.6	103	0.00
52	1,3-Dichloropropane	20.000	18.684	6.6	110	0.00
53 M	Dibromochloromethane	20.000	17.515	12.4	107	0.00
54 M	1,2-Dibromoethane	20.000	19.123	4.4	114	0.00
55 M	2-Chloroethyl vinyl ether	100.000	91.559	8.4	97	0.00
56 M	Bromoform	20.000	17.348	13.3	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.654	20.3	93	0.00
59 M	2-Hexanone	100.000	77.471	22.5	91	0.00
60 S	4-Bromofluorobenzene	30.000	28.992	3.4	102	0.00
61 M	Tetrachloroethene	20.000	18.950	5.3	111	0.00
62 M	Toluene	20.000	18.753	6.2	113	0.00
63 S	Toluene-d8	30.000	29.152	2.8	101	0.00
64 M	Chlorobenzene	20.000	18.887	5.6	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.294	8.5	110	0.00
66 M	Ethyl Benzene	20.000	18.396	8.0	111	0.00
67 M	m/p-Xylenes	40.000	38.141	4.6	115	0.00
68 M	o-Xylene	20.000	18.968	5.2	114	0.00
69 M	Styrene	20.000	18.984	5.1	118	0.00
70	Isopropylbenzene	20.000	18.920	5.4	114	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.932	5.3	112	0.00
72	1,2,3-Trichloropropane	20.000	17.594	12.0	99	0.00
73	Bromobenzene	20.000	19.468	2.7	120	0.00
74	n-propylbenzene	20.000	18.167	9.2	112	0.00
75	2-Chlorotoluene	20.000	18.269	8.7	110	0.00
76	1,3,5-Trimethylbenzene	20.000	18.881	5.6	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.346	33.3#	84	0.00
78	4-Chlorotoluene	20.000	18.037	9.8	112	0.00
79	tert-butylbenzene	20.000	18.994	5.0	115	0.00
80	1,2,4-Trimethylbenzene	20.000	18.727	6.4	114	0.00
81	sec-Butylbenzene	20.000	18.331	8.3	111	0.00
82	p-Isopropyltoluene	20.000	18.221	8.9	112	0.00
83 M	1,3-Dichlorobenzene	20.000	18.967	5.2	118	0.00
84 M	1,4-Dichlorobenzene	20.000	18.578	7.1	118	0.00
85	n-Butylbenzene	20.000	17.093	14.5	108	0.00
86 T	Hexachloroethane	20.000	15.671	21.6	99	0.00
87 M	1,2-Dichlorobenzene	20.000	18.781	6.1	115	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.909	25.5	88	0.00
89	1,2,4-Trichlorobenzene	20.000	16.260	18.7	111	0.00
90	Hexachlorobutadiene	20.000	17.810	11.0	107	0.00
91 M	Naphthalene	20.000	16.288	18.6	111	0.00
92	1,2,3-Trichlorobenzene	20.000	16.478	17.6	108	0.00

(#) = Out of Range

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