

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071564.D
 Acq On : 26 Mar 2022 10:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 01:41:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 28 01:40:30 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	19.087	4.6	81	0.00
3 M	Chloromethane	20.000	19.057	4.7	84	0.00
4 M	Vinyl Chloride	20.000	18.602	7.0	83	0.00
5 M	Bromomethane	20.000	21.203	-6.0	84	0.00
6 M	Chloroethane	20.000	18.893	5.5	85	0.00
7 M	Trichlorofluoromethane	20.000	19.404	3.0	86	0.00
8 T	Diethyl Ether	20.000	18.436	7.8	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.327	-1.6	89	0.00
10 M	1,1-Dichloroethene	20.000	18.544	7.3	83	0.00
11	Methyl Iodide	20.000	18.381	8.1	83	0.00
12	Methyl Acetate	20.000	19.191	4.0	87	0.00
13 M	Acrolein	100.000	77.607	22.4	73	0.00
14 M	Acrylonitrile	100.000	96.042	4.0	87	0.00
15 M	Acetone	100.000	119.405	-19.4	103	0.00
16 M	Carbon Disulfide	20.000	17.430	12.9	80	0.00
17	Allyl chloride	20.000	17.930	10.4	82	0.00
18 M	Methylene Chloride	20.000	19.337	3.3	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.066	4.7	86	0.00
20 T	Diisopropyl ether	20.000	19.459	2.7	86	0.00
21 M	1,1-Dichloroethane	20.000	19.147	4.3	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.304	3.5	87	0.00
23 M	tert-Butyl Alcohol	100.000	91.822	8.2	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.233	3.8	86	0.00
25 M	Chloroform	20.000	19.727	1.4	87	0.00
26	Cyclohexane	20.000	17.949	10.3	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.972	0.1	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	19.075	4.6	85	0.00
30 M	2-Butanone	100.000	101.899	-1.9	90	0.00
31	2,2-Dichloropropane	20.000	19.400	3.0	86	0.00
32 M	1,1,1-Trichloroethane	20.000	19.498	2.5	86	0.00
33 M	Carbon Tetrachloride	20.000	19.146	4.3	84	0.00
34 M	Benzene	20.000	19.583	2.1	86	0.00
35	Methacrylonitrile	20.000	18.057	9.7	76	0.00
36 M	1,2-Dichloroethane	20.000	19.402	3.0	85	0.00
37 M	Trichloroethene	20.000	19.730	1.3	88	0.00
38	Methylcyclohexane	20.000	18.295	8.5	81	0.00
39 M	1,2-Dichloropropane	20.000	19.437	2.8	85	0.00
40	Dibromomethane	20.000	19.540	2.3	86	0.00
41 M	Bromodichloromethane	20.000	19.568	2.2	87	0.00
42 M	Vinyl Acetate	100.000	94.708	5.3	85	0.00
43	Ethyl Acetate	20.000	19.065	4.7	83	0.00
44	Isopropyl Acetate	20.000	19.912	0.4	91	0.00
45 T	1,4-Dioxane	400.000	400.292	-0.1	86	0.00
46	Methyl methacrylate	20.000	17.696	11.5	83	0.00
47	n-amyl Acetate	20.000	17.493	12.5	86	0.00
48 M	t-1,3-Dichloropropene	20.000	18.511	7.4	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.871	5.6	86	0.00
50 M	1,1,2-Trichloroethane	20.000	19.702	1.5	87	0.00
51	Ethyl methacrylate	20.000	18.346	8.3	86	0.00
52	1,3-Dichloropropane	20.000	19.647	1.8	86	0.00
53 M	Dibromochloromethane	20.000	19.276	3.6	88	0.00
54 M	1,2-Dibromoethane	20.000	19.232	3.8	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	75.191	24.8	68	0.00
56 M	Bromoform	20.000	18.321	8.4	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.235	2.8	85	0.00
59 M	2-Hexanone	100.000	98.346	1.7	87	0.00
60 S	4-Bromofluorobenzene	30.000	30.111	-0.4	88	0.00
61 M	Tetrachloroethene	20.000	20.588	-2.9	88	0.00
62 M	Toluene	20.000	20.022	-0.1	86	0.00
63 S	Toluene-d8	30.000	31.096	-3.7	87	0.00
64 M	Chlorobenzene	20.000	19.816	0.9	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.186	-0.9	87	0.00
66 M	Ethyl Benzene	20.000	19.410	2.9	87	0.00
67 M	m/p-Xylenes	40.000	39.279	1.8	86	0.00
68 M	o-Xylene	20.000	19.303	3.5	86	0.00
69 M	Styrene	20.000	19.246	3.8	88	0.00
70	Isopropylbenzene	20.000	19.667	1.7	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.259	-1.3	87	0.00
72	1,2,3-Trichloropropane	20.000	20.320	-1.6	86	0.00
73	Bromobenzene	20.000	19.687	1.6	90	0.00
74	n-propylbenzene	20.000	19.374	3.1	88	0.00
75	2-Chlorotoluene	20.000	19.684	1.6	87	0.00
76	1,3,5-Trimethylbenzene	20.000	19.633	1.8	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.623	11.9	87	0.00
78	4-Chlorotoluene	20.000	19.614	1.9	90	0.00
79	tert-butylbenzene	20.000	19.583	2.1	87	0.00
80	1,2,4-Trimethylbenzene	20.000	19.475	2.6	87	0.00
81	sec-Butylbenzene	20.000	19.522	2.4	88	0.00
82	p-Isopropyltoluene	20.000	19.378	3.1	89	0.00
83 M	1,3-Dichlorobenzene	20.000	19.798	1.0	92	0.00
84 M	1,4-Dichlorobenzene	20.000	19.820	0.9	92	0.00
85	n-Butylbenzene	20.000	18.103	9.5	90	0.00
86 T	Hexachloroethane	20.000	19.210	3.9	88	0.00
87 M	1,2-Dichlorobenzene	20.000	20.087	-0.4	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.375	8.1	85	0.00
89	1,2,4-Trichlorobenzene	20.000	18.137	9.3	90	0.00
90	Hexachlorobutadiene	20.000	21.462	-7.3	97	0.00
91 M	Naphthalene	20.000	15.320	23.4	83	0.00
92	1,2,3-Trichlorobenzene	20.000	18.282	8.6	90	0.00

(#) = Out of Range

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