

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
 Data File : VN071504.D
 Acq On : 23 Mar 2022 12:43
 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 23 16:51:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 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	123	0.00
2 M	Dichlorodifluoromethane	20.000	19.152	4.2	117	0.00
3 M	Chloromethane	20.000	16.759	16.2	103	0.00
4 M	Vinyl Chloride	20.000	20.614	-3.1	126	0.00
5 M	Bromomethane	20.000	26.514	-32.6#	151	0.00
6 M	Chloroethane	20.000	22.838	-14.2	138	0.00
7 M	Trichlorofluoromethane	20.000	18.650	6.8	115	0.00
8 T	Diethyl Ether	20.000	17.335	13.3	112	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.324	-1.6	127	0.00
10 M	1,1-Dichloroethene	20.000	19.172	4.1	120	0.00
11	Methyl Iodide	20.000	19.226	3.9	124	0.00
12	Methyl Acetate	20.000	13.591	32.0#	86	0.00
13 M	Acrolein	100.000	56.177	43.8#	70	0.00
14 M	Acrylonitrile	100.000	73.222	26.8	93	0.00
15 M	Acetone	100.000	72.748	27.3	93	-0.01
16 M	Carbon Disulfide	20.000	17.951	10.2	116	0.00
17	Allyl chloride	20.000	14.174	29.1	89	0.00
18 M	Methylene Chloride	20.000	18.893	5.5	118	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.869	0.7	126	0.00
20 T	Diisopropyl ether	20.000	15.617	21.9	101	-0.01
21 M	1,1-Dichloroethane	20.000	17.484	12.6	108	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.417	2.9	123	0.00
23 M	tert-Butyl Alcohol	100.000	64.169	35.8#	83	-0.01
24 M	Methyl tert-Butyl Ether	20.000	17.580	12.1	111	0.00
25 M	Chloroform	20.000	18.798	6.0	116	0.00
26	Cyclohexane	20.000	16.863	15.7	107	0.00
27 s	1,2-Dichloroethane-d4	30.000	26.784	10.7	110	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	122	0.00
29	1,1-Dichloropropene	20.000	18.777	6.1	116	0.00
30 M	2-Butanone	100.000	68.664	31.3#	85	0.00
31	2,2-Dichloropropane	20.000	21.707	-8.5	131	0.00
32 M	1,1,1-Trichloroethane	20.000	18.830	5.9	115	0.00
33 M	Carbon Tetrachloride	20.000	18.616	6.9	113	0.00
34 M	Benzene	20.000	19.067	4.7	116	0.00
35	Methacrylonitrile	20.000	13.525	32.4#	82	0.00
36 M	1,2-Dichloroethane	20.000	18.630	6.9	113	0.00
37 M	Trichloroethene	20.000	20.527	-2.6	128	0.00
38	Methylcyclohexane	20.000	20.163	-0.8	127	0.00
39 M	1,2-Dichloropropane	20.000	17.780	11.1	108	0.00
40	Dibromomethane	20.000	19.103	4.5	117	0.00
41 M	Bromodichloromethane	20.000	18.639	6.8	115	0.00
42 M	Vinyl Acetate	100.000	75.983	24.0	93	0.00
43	Ethyl Acetate	20.000	14.341	28.3	88	0.00
44	Isopropyl Acetate	20.000	14.293	28.5	90	0.00
45 T	1,4-Dioxane	400.000	307.751	23.1	94	0.00
46	Methyl methacrylate	20.000	13.537	32.3#	89	0.00
47	n-amyl Acetate	20.000	13.583	32.1#	89	0.00
48 M	t-1,3-Dichloropropene	20.000	17.795	11.0	114	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
 Data File : VN071504.D
 Acq On : 23 Mar 2022 12:43
 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 23 16:51:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 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)
49 T	cis-1,3-Dichloropropene	20.000	18.443	7.8	116	0.00
50 M	1,1,2-Trichloroethane	20.000	19.623	1.9	122	0.00
51	Ethyl methacrylate	20.000	16.722	16.4	107	0.00
52	1,3-Dichloropropane	20.000	18.503	7.5	114	0.00
53 M	Dibromochloromethane	20.000	19.102	4.5	120	0.00
54 M	1,2-Dibromoethane	20.000	19.096	4.5	120	0.00
55 M	2-Chloroethyl vinyl ether	100.000	74.879	25.1	104	0.00
56 M	Bromoform	20.000	17.930	10.4	117	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	120	0.00
58 M	4-Methyl-2-Pentanone	100.000	72.192	27.8	85	0.00
59 M	2-Hexanone	100.000	69.654	30.3#	84	0.00
60 S	4-Bromofluorobenzene	30.000	28.729	4.2	116	0.00
61 M	Tetrachloroethene	20.000	21.879	-9.4	132	0.00
62 M	Toluene	20.000	20.587	-2.9	121	0.00
63 S	Toluene-d8	30.000	30.602	-2.0	120	0.00
64 M	Chlorobenzene	20.000	20.614	-3.1	124	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.955	0.2	119	0.00
66 M	Ethyl Benzene	20.000	19.841	0.8	120	0.00
67 M	m/p-Xylenes	40.000	41.491	-3.7	126	0.00
68 M	o-Xylene	20.000	20.521	-2.6	123	0.00
69 M	Styrene	20.000	19.892	0.5	123	0.00
70	Isopropylbenzene	20.000	20.399	-2.0	124	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.105	4.5	113	0.00
72	1,2,3-Trichloropropane	20.000	15.395	23.0	102	0.00
73	Bromobenzene	20.000	20.302	-1.5	125	0.00
74	n-propylbenzene	20.000	19.840	0.8	123	0.00
75	2-Chlorotoluene	20.000	20.024	-0.1	122	0.00
76	1,3,5-Trimethylbenzene	20.000	20.478	-2.4	124	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.953	15.2	110	0.00
78	4-Chlorotoluene	20.000	19.959	0.2	126	0.00
79	tert-butylbenzene	20.000	20.249	-1.2	123	0.00
80	1,2,4-Trimethylbenzene	20.000	20.904	-4.5	124	0.00
81	sec-Butylbenzene	20.000	20.191	-1.0	126	0.00
82	p-Isopropyltoluene	20.000	20.151	-0.8	125	0.00
83 M	1,3-Dichlorobenzene	20.000	21.065	-5.3	130	0.00
84 M	1,4-Dichlorobenzene	20.000	21.008	-5.0	132	0.00
85	n-Butylbenzene	20.000	18.830	5.9	126	0.00
86 T	Hexachloroethane	20.000	19.467	2.7	125	0.00
87 M	1,2-Dichlorobenzene	20.000	21.575	-7.9	129	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.514	17.4	102	0.00
89	1,2,4-Trichlorobenzene	20.000	19.108	4.5	126	0.00
90	Hexachlorobutadiene	20.000	23.480	-17.4	143	0.00
91 M	Naphthalene	20.000	15.317	23.4	107	0.00
92	1,2,3-Trichlorobenzene	20.000	18.401	8.0	120	0.00

(#) = Out of Range

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