

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN071987.D
 Acq On : 14 Apr 2022 10:21
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 15 01:35:35 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	23.005	-15.0	91	0.00
3 M	Chloromethane	20.000	20.238	-1.2	83	0.00
4 M	Vinyl Chloride	20.000	18.106	9.5	76	0.00
5 M	Bromomethane	20.000	20.149	-0.7	75	-0.01
6 M	Chloroethane	20.000	16.813	15.9	70	0.00
7 M	Trichlorofluoromethane	20.000	21.079	-5.4	87	-0.01
8 T	Diethyl Ether	20.000	20.631	-3.2	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.804	-9.0	89	0.00
10 M	1,1-Dichloroethene	20.000	20.911	-4.6	87	0.00
11	Methyl Iodide	20.000	20.414	-2.1	86	-0.01
12	Methyl Acetate	20.000	19.879	0.6	84	0.00
13 M	Acrolein	100.000	105.721	-5.7	93	0.00
14 M	Acrylonitrile	100.000	100.892	-0.9	86	0.00
15 M	Acetone	100.000	130.896	-30.9#	105	0.00
16 M	Carbon Disulfide	20.000	21.455	-7.3	92	0.00
17	Allyl chloride	20.000	18.282	8.6	78	0.00
18 M	Methylene Chloride	20.000	20.832	-4.2	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.258	-6.3	90	0.00
20 T	Diisopropyl ether	20.000	19.776	1.1	82	0.00
21 M	1,1-Dichloroethane	20.000	20.249	-1.2	85	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.488	-2.4	86	0.00
23 M	tert-Butyl Alcohol	100.000	83.537	16.5	73	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.660	1.7	82	0.00
25 M	Chloroform	20.000	20.665	-3.3	85	0.00
26	Cyclohexane	20.000	20.833	-4.2	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.021	6.6	76	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	83	0.00
29	1,1-Dichloropropene	20.000	20.595	-3.0	88	0.00
30 M	2-Butanone	100.000	99.254	0.7	84	0.00
31	2,2-Dichloropropane	20.000	19.395	3.0	83	0.00
32 M	1,1,1-Trichloroethane	20.000	20.153	-0.8	86	0.00
33 M	Carbon Tetrachloride	20.000	20.407	-2.0	86	0.00
34 M	Benzene	20.000	20.657	-3.3	87	0.00
35	Methacrylonitrile	20.000	19.340	3.3	78	0.00
36 M	1,2-Dichloroethane	20.000	18.442	7.8	78	0.00
37 M	Trichloroethene	20.000	20.419	-2.1	88	0.00
38	Methylcyclohexane	20.000	20.634	-3.2	88	0.00
39 M	1,2-Dichloropropane	20.000	19.996	0.0	84	0.00
40	Dibromomethane	20.000	19.992	0.0	84	0.00
41 M	Bromodichloromethane	20.000	20.082	-0.4	86	0.00
42 M	Vinyl Acetate	100.000	94.456	5.5	81	0.00
43	Ethyl Acetate	20.000	19.423	2.9	81	0.00
44	Isopropyl Acetate	20.000	17.867	10.7	78	0.00
45 T	1,4-Dioxane	400.000	394.419	1.4	82	0.00
46	Methyl methacrylate	20.000	19.308	3.5	87	0.00
47	n-amyl Acetate	20.000	16.646	16.8	78	0.00
48 M	t-1,3-Dichloropropene	20.000	18.971	5.1	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.669	1.7	86	0.00
50 M	1,1,2-Trichloroethane	20.000	20.713	-3.6	88	0.00
51	Ethyl methacrylate	20.000	19.639	1.8	88	0.00
52	1,3-Dichloropropane	20.000	20.358	-1.8	86	0.00
53 M	Dibromochloromethane	20.000	20.559	-2.8	90	0.00
54 M	1,2-Dibromoethane	20.000	20.444	-2.2	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.563	18.4	71	0.00
56 M	Bromoform	20.000	19.988	0.1	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.833	6.2	80	0.00
59 M	2-Hexanone	100.000	94.476	5.5	81	0.00
60 S	4-Bromofluorobenzene	30.000	29.823	0.6	84	0.00
61 M	Tetrachloroethene	20.000	22.504	-12.5	94	0.00
62 M	Toluene	20.000	21.271	-6.4	89	0.00
63 S	Toluene-d8	30.000	30.354	-1.2	82	0.00
64 M	Chlorobenzene	20.000	20.720	-3.6	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.531	-2.7	86	0.00
66 M	Ethyl Benzene	20.000	20.379	-1.9	88	0.00
67 M	m/p-Xylenes	40.000	41.385	-3.5	88	0.00
68 M	o-Xylene	20.000	20.456	-2.3	88	0.00
69 M	Styrene	20.000	20.277	-1.4	90	0.00
70	Isopropylbenzene	20.000	20.448	-2.2	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.390	-2.0	85	0.00
72	1,2,3-Trichloropropane	20.000	21.024	-5.1	87	0.00
73	Bromobenzene	20.000	20.348	-1.7	90	0.00
74	n-propylbenzene	20.000	20.306	-1.5	90	0.00
75	2-Chlorotoluene	20.000	20.422	-2.1	88	0.00
76	1,3,5-Trimethylbenzene	20.000	20.962	-4.8	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.055	9.7	86	0.00
78	4-Chlorotoluene	20.000	19.772	1.1	88	0.00
79	tert-butylbenzene	20.000	20.291	-1.5	87	0.00
80	1,2,4-Trimethylbenzene	20.000	21.203	-6.0	92	0.00
81	sec-Butylbenzene	20.000	20.080	-0.4	88	0.00
82	p-Isopropyltoluene	20.000	20.021	-0.1	89	0.00
83 M	1,3-Dichlorobenzene	20.000	20.515	-2.6	92	0.00
84 M	1,4-Dichlorobenzene	20.000	20.271	-1.4	91	0.00
85	n-Butylbenzene	20.000	18.845	5.8	91	0.00
86 T	Hexachloroethane	20.000	19.492	2.5	86	0.00
87 M	1,2-Dichlorobenzene	20.000	20.810	-4.0	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.025	9.9	81	0.00
89	1,2,4-Trichlorobenzene	20.000	20.347	-1.7	98	0.00
90	Hexachlorobutadiene	20.000	22.510	-12.6	98	0.00
91 M	Naphthalene	20.000	20.370	-1.9	98	0.00
92	1,2,3-Trichlorobenzene	20.000	20.715	-3.6	99	0.00

(#) = Out of Range

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