

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102221\
 Data File : VN069144.D
 Acq On : 22 Oct 2021 19:49
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 07:56:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 22 13:15:19 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	21.367	-6.8	81	0.00
3 M	Chloromethane	20.000	21.395	-7.0	82	0.00
4 M	Vinyl Chloride	20.000	20.782	-3.9	79	0.00
5 M	Bromomethane	20.000	20.824	-4.1	72	0.00
6 M	Chloroethane	20.000	20.513	-2.6	70	0.00
7 M	Trichlorofluoromethane	20.000	21.054	-5.3	79	0.00
8 T	Diethyl Ether	20.000	21.481	-7.4	79	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.718	-3.6	78	0.00
10 M	1,1-Dichloroethene	20.000	20.894	-4.5	80	0.00
11	Methyl Iodide	20.000	18.571	7.1	75	0.00
12	Methyl Acetate	20.000	21.075	-5.4	81	0.00
13 M	Acrolein	100.000	90.142	9.9	72	0.00
14 M	Acrylonitrile	100.000	105.496	-5.5	81	0.00
15 M	Acetone	100.000	88.034	12.0	58	0.00
16 M	Carbon Disulfide	20.000	19.723	1.4	78	0.00
17	Allyl chloride	20.000	20.175	-0.9	78	0.00
18 M	Methylene Chloride	20.000	21.196	-6.0	81	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.454	-2.3	79	0.00
20 T	Diisopropyl ether	20.000	20.336	-1.7	79	0.00
21 M	1,1-Dichloroethane	20.000	20.670	-3.4	79	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.427	-2.1	79	0.00
23 M	tert-Butyl Alcohol	100.000	103.048	-3.0	80	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.746	-3.7	80	0.00
25 M	Chloroform	20.000	20.609	-3.0	79	0.00
26	Cyclohexane	20.000	20.360	-1.8	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.483	-1.6	81	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	19.977	0.1	78	0.00
30 M	2-Butanone	100.000	99.060	0.9	73	0.00
31	2,2-Dichloropropane	20.000	18.188	9.1	70	0.00
32 M	1,1,1-Trichloroethane	20.000	20.190	-1.0	78	0.00
33 M	Carbon Tetrachloride	20.000	20.004	-0.0	78	0.00
34 M	Benzene	20.000	20.559	-2.8	79	0.00
35	Methacrylonitrile	20.000	20.807	-4.0	84	0.00
36 M	1,2-Dichloroethane	20.000	20.332	-1.7	80	0.00
37 M	Trichloroethene	20.000	20.277	-1.4	79	0.00
38	Methylcyclohexane	20.000	20.035	-0.2	78	0.00
39 M	1,2-Dichloropropane	20.000	20.468	-2.3	78	0.00
40	Dibromomethane	20.000	20.511	-2.6	80	0.00
41 M	Bromodichloromethane	20.000	19.963	0.2	78	0.00
42 M	Vinyl Acetate	100.000	100.534	-0.5	78	0.00
43	Ethyl Acetate	20.000	21.156	-5.8	80	0.00
44	Isopropyl Acetate	20.000	19.874	0.6	76	0.00
45 T	1,4-Dioxane	400.000	407.952	-2.0	81	0.00
46	Methyl methacrylate	20.000	18.945	5.3	79	0.00
47	n-amyl Acetate	20.000	19.170	4.1	78	0.00
48 M	t-1,3-Dichloropropene	20.000	18.878	5.6	74	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.237	3.8	76	0.00
50 M	1,1,2-Trichloroethane	20.000	20.509	-2.5	80	0.00
51	Ethyl methacrylate	20.000	20.128	-0.6	79	0.00
52	1,3-Dichloropropane	20.000	20.435	-2.2	79	0.00
53 M	Dibromochloromethane	20.000	19.577	2.1	79	0.00
54 M	1,2-Dibromoethane	20.000	20.263	-1.3	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.000	2.0	82	0.00
56 M	Bromoform	20.000	18.928	5.4	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.318	-7.3	80	0.00
59 M	2-Hexanone	100.000	102.815	-2.8	75	0.00
60 S	4-Bromofluorobenzene	30.000	29.237	2.5	78	0.00
61 M	Tetrachloroethene	20.000	22.140	-10.7	84	0.00
62 M	Toluene	20.000	20.843	-4.2	78	0.00
63 S	Toluene-d8	30.000	30.690	-2.3	79	0.00
64 M	Chlorobenzene	20.000	20.630	-3.1	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.736	-3.7	79	0.00
66 M	Ethyl Benzene	20.000	20.669	-3.3	78	0.00
67 M	m/p-Xylenes	40.000	41.241	-3.1	78	0.00
68 M	o-Xylene	20.000	20.640	-3.2	79	0.00
69 M	Styrene	20.000	20.125	-0.6	79	0.00
70	Isopropylbenzene	20.000	20.490	-2.4	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.812	-4.1	77	0.00
72	1,2,3-Trichloropropane	20.000	20.652	-3.3	85	0.00
73	Bromobenzene	20.000	20.438	-2.2	79	0.00
74	n-propylbenzene	20.000	20.327	-1.6	79	0.00
75	2-Chlorotoluene	20.000	20.449	-2.2	78	0.00
76	1,3,5-Trimethylbenzene	20.000	20.701	-3.5	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.807	11.0	72	0.00
78	4-Chlorotoluene	20.000	19.838	0.8	78	0.00
79	tert-butylbenzene	20.000	20.603	-3.0	78	0.00
80	1,2,4-Trimethylbenzene	20.000	20.421	-2.1	78	0.00
81	sec-Butylbenzene	20.000	20.334	-1.7	79	0.00
82	p-Isopropyltoluene	20.000	19.795	1.0	78	0.00
83 M	1,3-Dichlorobenzene	20.000	19.985	0.1	79	0.00
84 M	1,4-Dichlorobenzene	20.000	19.977	0.1	80	0.00
85	n-Butylbenzene	20.000	18.871	5.6	77	0.00
86 T	Hexachloroethane	20.000	19.365	3.2	77	0.00
87 M	1,2-Dichlorobenzene	20.000	20.224	-1.1	79	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.234	-1.2	79	0.00
89	1,2,4-Trichlorobenzene	20.000	19.350	3.2	81	0.00
90	Hexachlorobutadiene	20.000	20.181	-0.9	79	0.00
91 M	Naphthalene	20.000	20.173	-0.9	87	0.00
92	1,2,3-Trichlorobenzene	20.000	20.118	-0.6	83	0.00

(#) = Out of Range

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