

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102521\
 Data File : VN069151.D
 Acq On : 25 Oct 2021 14:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 03:36:39 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	81	0.00
2 M	Dichlorodifluoromethane	20.000	20.243	-1.2	77	0.00
3 M	Chloromethane	20.000	20.446	-2.2	79	0.00
4 M	Vinyl Chloride	20.000	19.559	2.2	76	0.00
5 M	Bromomethane	20.000	20.290	-1.4	71	0.00
6 M	Chloroethane	20.000	19.673	1.6	68	0.00
7 M	Trichlorofluoromethane	20.000	20.223	-1.1	77	0.00
8 T	Diethyl Ether	20.000	19.873	0.6	75	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.356	-1.8	78	0.00
10 M	1,1-Dichloroethene	20.000	19.355	3.2	75	0.00
11	Methyl Iodide	20.000	18.288	8.6	75	0.00
12	Methyl Acetate	20.000	19.085	4.6	74	0.00
13 M	Acrolein	100.000	97.494	2.5	79	0.00
14 M	Acrylonitrile	100.000	96.314	3.7	75	0.00
15 M	Acetone	100.000	85.368	14.6	57	0.00
16 M	Carbon Disulfide	20.000	19.173	4.1	77	0.00
17	Allyl chloride	20.000	19.129	4.4	75	0.00
18 M	Methylene Chloride	20.000	21.534	-7.7	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.648	1.8	77	0.00
20 T	Diisopropyl ether	20.000	19.493	2.5	77	0.00
21 M	1,1-Dichloroethane	20.000	19.694	1.5	76	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.566	2.2	77	0.00
23 M	tert-Butyl Alcohol	100.000	95.674	4.3	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.379	3.1	76	0.00
25 M	Chloroform	20.000	19.875	0.6	77	0.00
26	Cyclohexane	20.000	19.547	2.3	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.165	-3.9	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	19.073	4.6	76	0.00
30 M	2-Butanone	100.000	88.814	11.2	67	0.00
31	2,2-Dichloropropane	20.000	18.634	6.8	73	0.00
32 M	1,1,1-Trichloroethane	20.000	18.881	5.6	76	0.00
33 M	Carbon Tetrachloride	20.000	18.933	5.3	76	0.00
34 M	Benzene	20.000	19.157	4.2	76	0.00
35	Methacrylonitrile	20.000	19.105	4.5	79	0.00
36 M	1,2-Dichloroethane	20.000	19.292	3.5	78	0.00
37 M	Trichloroethene	20.000	19.295	3.5	77	0.00
38	Methylcyclohexane	20.000	19.100	4.5	76	0.00
39 M	1,2-Dichloropropane	20.000	19.391	3.0	76	0.00
40	Dibromomethane	20.000	19.077	4.6	77	0.00
41 M	Bromodichloromethane	20.000	19.018	4.9	77	0.00
42 M	Vinyl Acetate	100.000	92.970	7.0	75	0.00
43	Ethyl Acetate	20.000	19.147	4.3	74	0.00
44	Isopropyl Acetate	20.000	18.191	9.0	72	0.00
45 T	1,4-Dioxane	400.000	392.231	1.9	80	0.00
46	Methyl methacrylate	20.000	17.441	12.8	75	0.00
47	n-amyl Acetate	20.000	16.995	15.0	72	0.00
48 M	t-1,3-Dichloropropene	20.000	18.306	8.5	74	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102521\
 Data File : VN069151.D
 Acq On : 25 Oct 2021 14:17
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 26 03:36:39 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)
49 T	cis-1,3-Dichloropropene	20.000	18.584	7.1	76	0.00
50 M	1,1,2-Trichloroethane	20.000	19.070	4.6	77	0.00
51	Ethyl methacrylate	20.000	18.521	7.4	75	0.00
52	1,3-Dichloropropane	20.000	18.908	5.5	75	0.00
53 M	Dibromochloromethane	20.000	18.521	7.4	77	0.00
54 M	1,2-Dibromoethane	20.000	18.658	6.7	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	76.382	23.6	65	0.00
56 M	Bromoform	20.000	17.429	12.9	75	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.669	6.3	73	0.00
59 M	2-Hexanone	100.000	89.394	10.6	68	0.00
60 S	4-Bromofluorobenzene	30.000	28.889	3.7	81	0.00
61 M	Tetrachloroethene	20.000	20.169	-0.8	80	0.00
62 M	Toluene	20.000	19.298	3.5	75	0.00
63 S	Toluene-d8	30.000	30.551	-1.8	82	0.00
64 M	Chlorobenzene	20.000	19.093	4.5	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.142	4.3	76	0.00
66 M	Ethyl Benzene	20.000	19.437	2.8	77	0.00
67 M	m/p-Xylenes	40.000	38.631	3.4	76	0.00
68 M	o-Xylene	20.000	19.004	5.0	76	0.00
69 M	Styrene	20.000	18.464	7.7	75	0.00
70	Isopropylbenzene	20.000	19.252	3.7	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.729	6.4	72	0.00
72	1,2,3-Trichloropropane	20.000	18.233	8.8	78	0.00
73	Bromobenzene	20.000	18.461	7.7	74	0.00
74	n-propylbenzene	20.000	18.891	5.5	76	0.00
75	2-Chlorotoluene	20.000	19.097	4.5	76	0.00
76	1,3,5-Trimethylbenzene	20.000	19.009	5.0	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.335	18.3	69	0.00
78	4-Chlorotoluene	20.000	18.732	6.3	77	0.00
79	tert-butylbenzene	20.000	18.653	6.7	74	0.00
80	1,2,4-Trimethylbenzene	20.000	18.893	5.5	75	0.00
81	sec-Butylbenzene	20.000	18.818	5.9	76	0.00
82	p-Isopropyltoluene	20.000	18.422	7.9	75	0.00
83 M	1,3-Dichlorobenzene	20.000	18.636	6.8	77	0.00
84 M	1,4-Dichlorobenzene	20.000	18.501	7.5	77	0.00
85	n-Butylbenzene	20.000	17.761	11.2	75	0.00
86 T	Hexachloroethane	20.000	18.691	6.5	77	0.00
87 M	1,2-Dichlorobenzene	20.000	18.856	5.7	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.516	12.4	71	0.00
89	1,2,4-Trichlorobenzene	20.000	17.167	14.2	75	0.00
90	Hexachlorobutadiene	20.000	18.823	5.9	76	0.00
91 M	Naphthalene	20.000	16.079	19.6	72	0.00
92	1,2,3-Trichlorobenzene	20.000	17.584	12.1	75	0.00

(#) = Out of Range

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