

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
 Data File : VN067372.D
 Acq On : 17 Jun 2021 12:18
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 18 04:41:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	19.219	3.9	101	0.00
3 M	Chloromethane	20.000	18.228	8.9	96	0.00
4 M	Vinyl Chloride	20.000	18.508	7.5	98	0.00
5 M	Bromomethane	20.000	20.732	-3.7	106	0.00
6 M	Chloroethane	20.000	18.855	5.7	99	0.00
7 M	Trichlorofluoromethane	20.000	18.884	5.6	100	0.00
8 T	Diethyl Ether	20.000	19.093	4.5	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.661	1.7	103	0.00
10 M	1,1-Dichloroethene	20.000	18.919	5.4	98	0.00
11	Methyl Iodide	20.000	15.099	24.5	85	0.00
12	Methyl Acetate	20.000	19.347	3.3	102	0.00
13 M	Acrolein	100.000	93.376	6.6	98	0.00
14 M	Acrylonitrile	100.000	93.461	6.5	99	0.00
15 M	Acetone	100.000	119.415	-19.4	127	0.00
16 M	Carbon Disulfide	20.000	19.511	2.4	103	0.00
17	Allyl chloride	20.000	19.102	4.5	102	0.00
18 M	Methylene Chloride	20.000	19.799	1.0	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.980	5.1	99	0.00
20 T	Diisopropyl ether	20.000	19.389	3.1	102	0.00
21 M	1,1-Dichloroethane	20.000	19.372	3.1	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.327	3.4	100	0.00
23 M	tert-Butyl Alcohol	100.000	81.825	18.2	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.742	6.3	99	0.00
25 M	Chloroform	20.000	19.075	4.6	101	0.00
26	Cyclohexane	20.000	19.985	0.1	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.166	-3.9	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.530	7.3	104	0.00
30 M	2-Butanone	100.000	93.653	6.3	106	0.00
31	2,2-Dichloropropane	20.000	22.041	-10.2	120	0.00
32 M	1,1,1-Trichloroethane	20.000	16.900	15.5	92	0.00
33 M	Carbon Tetrachloride	20.000	16.617	16.9	92	0.00
34 M	Benzene	20.000	18.706	6.5	103	0.00
35	Methacrylonitrile	20.000	18.237	8.8	101	0.00
36 M	1,2-Dichloroethane	20.000	17.668	11.7	100	0.00
37 M	Trichloroethene	20.000	17.355	13.2	95	0.00
38	Methylcyclohexane	20.000	20.832	-4.2	118	0.00
39 M	1,2-Dichloropropane	20.000	18.405	8.0	102	0.00
40	Dibromomethane	20.000	17.523	12.4	97	0.00
41 M	Bromodichloromethane	20.000	17.570	12.1	97	0.00
42 M	Vinyl Acetate	100.000	88.309	11.7	98	0.00
43	Ethyl Acetate	20.000	19.069	4.7	105	0.00
44	Isopropyl Acetate	20.000	17.377	13.1	98	0.00
45 T	1,4-Dioxane	400.000	344.945	13.8	95	0.00
46	Methyl methacrylate	20.000	16.816	15.9	97	0.00
47	n-amyl Acetate	20.000	16.802	16.0	100	0.00
48 M	t-1,3-Dichloropropene	20.000	17.485	12.6	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.490	7.6	105	0.00
50 M	1,1,2-Trichloroethane	20.000	18.022	9.9	101	0.00
51	Ethyl methacrylate	20.000	17.430	12.9	99	0.00
52	1,3-Dichloropropane	20.000	18.221	8.9	102	0.00
53 M	Dibromochloromethane	20.000	16.222	18.9	92	0.00
54 M	1,2-Dibromoethane	20.000	17.171	14.1	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.907	19.1	99	0.00
56 M	Bromoform	20.000	14.379	28.1	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.972	12.0	97	0.00
59 M	2-Hexanone	100.000	90.061	9.9	101	0.00
60 S	4-Bromofluorobenzene	30.000	28.647	4.5	96	0.00
61 M	Tetrachloroethene	20.000	18.283	8.6	94	0.00
62 M	Toluene	20.000	18.519	7.4	102	0.00
63 S	Toluene-d8	30.000	30.701	-2.3	101	0.00
64 M	Chlorobenzene	20.000	17.890	10.5	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.124	14.4	94	0.00
66 M	Ethyl Benzene	20.000	18.199	9.0	101	0.00
67 M	m/p-Xylenes	40.000	36.567	8.6	102	0.00
68 M	o-Xylene	20.000	17.822	10.9	100	0.00
69 M	Styrene	20.000	17.494	12.5	98	0.00
70	Isopropylbenzene	20.000	18.185	9.1	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.250	8.8	102	0.00
72	1,2,3-Trichloropropane	20.000	16.780	16.1	94	0.00
73	Bromobenzene	20.000	17.253	13.7	97	0.00
74	n-propylbenzene	20.000	19.079	4.6	108	0.00
75	2-Chlorotoluene	20.000	17.931	10.3	101	0.00
76	1,3,5-Trimethylbenzene	20.000	18.309	8.5	103	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.070	14.6	100	0.00
78	4-Chlorotoluene	20.000	18.146	9.3	103	0.00
79	tert-butylbenzene	20.000	18.122	9.4	101	0.00
80	1,2,4-Trimethylbenzene	20.000	18.060	9.7	101	0.00
81	sec-Butylbenzene	20.000	19.181	4.1	108	0.00
82	p-Isopropyltoluene	20.000	18.857	5.7	107	0.00
83 M	1,3-Dichlorobenzene	20.000	17.808	11.0	103	0.00
84 M	1,4-Dichlorobenzene	20.000	17.492	12.5	101	0.00
85	n-Butylbenzene	20.000	20.768	-3.8	121	0.00
86 T	Hexachloroethane	20.000	16.933	15.3	100	0.00
87 M	1,2-Dichlorobenzene	20.000	17.408	13.0	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.454	17.7	92	0.00
89	1,2,4-Trichlorobenzene	20.000	18.500	7.5	107	0.00
90	Hexachlorobutadiene	20.000	17.872	10.6	102	0.00
91 M	Naphthalene	20.000	18.481	7.6	110	0.00
92	1,2,3-Trichlorobenzene	20.000	18.546	7.3	108	0.00

(#) = Out of Range

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