

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
 Data File : VN067388.D
 Acq On : 17 Jun 2021 19:52
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 18 04:44:23 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	19.106	4.5	96	0.00
3 M	Chloromethane	20.000	19.277	3.6	98	0.00
4 M	Vinyl Chloride	20.000	18.943	5.3	96	0.00
5 M	Bromomethane	20.000	20.282	-1.4	100	0.00
6 M	Chloroethane	20.000	19.932	0.3	101	0.00
7 M	Trichlorofluoromethane	20.000	19.658	1.7	100	0.00
8 T	Diethyl Ether	20.000	19.804	1.0	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.859	0.7	100	0.00
10 M	1,1-Dichloroethene	20.000	19.897	0.5	99	0.00
11	Methyl Iodide	20.000	16.356	18.2	88	0.00
12	Methyl Acetate	20.000	21.119	-5.6	107	0.00
13 M	Acrolein	100.000	97.420	2.6	98	0.00
14 M	Acrylonitrile	100.000	100.023	-0.0	102	0.00
15 M	Acetone	100.000	96.404	3.6	98	0.00
16 M	Carbon Disulfide	20.000	19.615	1.9	100	0.00
17	Allyl chloride	20.000	19.313	3.4	99	0.00
18 M	Methylene Chloride	20.000	20.356	-1.8	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.059	-0.3	101	0.00
20 T	Diisopropyl ether	20.000	20.110	-0.5	102	0.00
21 M	1,1-Dichloroethane	20.000	20.425	-2.1	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.684	1.6	98	0.00
23 M	tert-Butyl Alcohol	100.000	89.322	10.7	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.206	4.0	97	0.00
25 M	Chloroform	20.000	19.268	3.7	98	0.00
26	Cyclohexane	20.000	20.324	-1.6	104	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.421	-1.4	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	19.498	2.5	102	0.00
30 M	2-Butanone	100.000	93.301	6.7	98	0.00
31	2,2-Dichloropropane	20.000	20.248	-1.2	102	0.00
32 M	1,1,1-Trichloroethane	20.000	17.933	10.3	90	0.00
33 M	Carbon Tetrachloride	20.000	17.089	14.6	88	0.00
34 M	Benzene	20.000	19.865	0.7	101	0.00
35	Methacrylonitrile	20.000	19.416	2.9	100	0.00
36 M	1,2-Dichloroethane	20.000	18.601	7.0	98	0.00
37 M	Trichloroethene	20.000	18.403	8.0	93	0.00
38	Methylcyclohexane	20.000	20.883	-4.4	109	0.00
39 M	1,2-Dichloropropane	20.000	19.870	0.6	102	0.00
40	Dibromomethane	20.000	18.578	7.1	95	0.00
41 M	Bromodichloromethane	20.000	18.496	7.5	95	0.00
42 M	Vinyl Acetate	100.000	96.779	3.2	100	0.00
43	Ethyl Acetate	20.000	18.525	7.4	95	0.00
44	Isopropyl Acetate	20.000	18.612	6.9	97	0.00
45 T	1,4-Dioxane	400.000	367.440	8.1	94	0.00
46	Methyl methacrylate	20.000	18.344	8.3	98	0.00
47	n-amyl Acetate	20.000	18.162	9.2	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.314	8.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.279	3.6	102	0.00
50 M	1,1,2-Trichloroethane	20.000	19.219	3.9	99	0.00
51	Ethyl methacrylate	20.000	18.945	5.3	99	0.00
52	1,3-Dichloropropane	20.000	19.476	2.6	101	0.00
53 M	Dibromochloromethane	20.000	16.969	15.2	89	0.00
54 M	1,2-Dibromoethane	20.000	17.950	10.3	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.709	2.3	111	0.00
56 M	Bromoform	20.000	15.587	22.1	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.327	3.7	98	0.00
59 M	2-Hexanone	100.000	95.389	4.6	98	0.00
60 S	4-Bromofluorobenzene	30.000	28.675	4.4	88	0.00
61 M	Tetrachloroethene	20.000	18.257	8.7	87	0.00
62 M	Toluene	20.000	19.721	1.4	99	0.00
63 S	Toluene-d8	30.000	31.518	-5.1	95	0.00
64 M	Chlorobenzene	20.000	18.963	5.2	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.847	10.8	90	0.00
66 M	Ethyl Benzene	20.000	19.227	3.9	98	0.00
67 M	m/p-Xylenes	40.000	37.722	5.7	96	0.00
68 M	o-Xylene	20.000	18.951	5.2	97	0.00
69 M	Styrene	20.000	18.099	9.5	93	0.00
70	Isopropylbenzene	20.000	19.353	3.2	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.701	1.5	101	0.00
72	1,2,3-Trichloropropane	20.000	20.449	-2.2	105	0.00
73	Bromobenzene	20.000	17.910	10.4	93	0.00
74	n-propylbenzene	20.000	19.442	2.8	101	0.00
75	2-Chlorotoluene	20.000	18.769	6.2	97	0.00
76	1,3,5-Trimethylbenzene	20.000	18.824	5.9	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.398	13.0	94	0.00
78	4-Chlorotoluene	20.000	18.483	7.6	97	0.00
79	tert-butylbenzene	20.000	19.199	4.0	98	0.00
80	1,2,4-Trimethylbenzene	20.000	18.432	7.8	95	0.00
81	sec-Butylbenzene	20.000	19.715	1.4	102	0.00
82	p-Isopropyltoluene	20.000	18.769	6.2	98	0.00
83 M	1,3-Dichlorobenzene	20.000	17.935	10.3	95	0.00
84 M	1,4-Dichlorobenzene	20.000	17.747	11.3	94	0.00
85	n-Butylbenzene	20.000	19.712	1.4	105	0.00
86 T	Hexachloroethane	20.000	18.151	9.2	99	0.00
87 M	1,2-Dichlorobenzene	20.000	17.999	10.0	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.429	12.9	89	0.00
89	1,2,4-Trichlorobenzene	20.000	17.333	13.3	92	0.00
90	Hexachlorobutadiene	20.000	17.103	14.5	90	0.00
91 M	Naphthalene	20.000	17.975	10.1	98	0.00
92	1,2,3-Trichlorobenzene	20.000	17.905	10.5	96	0.00

(#) = Out of Range

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