

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091421\
 Data File : VN068468.D
 Acq On : 14 Sep 2021 13:07
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 15 05:36:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N091321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Sep 14 04:23:31 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	22.690	-13.5	109	0.00
3 M	Chloromethane	20.000	21.299	-6.5	102	0.00
4 M	Vinyl Chloride	20.000	21.375	-6.9	99	0.00
5 M	Bromomethane	20.000	21.115	-5.6	97	0.00
6 M	Chloroethane	20.000	22.130	-10.6	103	0.00
7 M	Trichlorofluoromethane	20.000	21.883	-9.4	106	0.00
8 T	Diethyl Ether	20.000	21.663	-8.3	107	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.415	-12.1	111	0.00
10 M	1,1-Dichloroethene	20.000	21.313	-6.6	106	0.00
11	Methyl Iodide	20.000	20.898	-4.5	116	0.00
12	Methyl Acetate	20.000	21.930	-9.6	108	0.00
13 M	Acrolein	100.000	110.697	-10.7	115	0.00
14 M	Acrylonitrile	100.000	106.859	-6.9	106	0.00
15 M	Acetone	100.000	110.322	-10.3	105	0.00
16 M	Carbon Disulfide	20.000	20.540	-2.7	103	0.00
17	Allyl chloride	20.000	21.831	-9.2	108	0.00
18 M	Methylene Chloride	20.000	21.361	-6.8	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.229	-6.1	107	0.00
20 T	Diisopropyl ether	20.000	22.180	-10.9	108	0.00
21 M	1,1-Dichloroethane	20.000	21.492	-7.5	106	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.194	-6.0	107	0.00
23 M	tert-Butyl Alcohol	100.000	99.251	0.7	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.791	-9.0	109	0.00
25 M	Chloroform	20.000	21.882	-9.4	106	0.00
26	Cyclohexane	20.000	21.179	-5.9	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.400	-4.7	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	21.012	-5.1	105	0.00
30 M	2-Butanone	100.000	103.132	-3.1	103	0.00
31	2,2-Dichloropropane	20.000	20.986	-4.9	105	0.00
32 M	1,1,1-Trichloroethane	20.000	21.031	-5.2	106	0.00
33 M	Carbon Tetrachloride	20.000	20.832	-4.2	107	0.00
34 M	Benzene	20.000	20.985	-4.9	105	0.00
35	Methacrylonitrile	20.000	21.063	-5.3	103	0.00
36 M	1,2-Dichloroethane	20.000	21.883	-9.4	106	0.00
37 M	Trichloroethene	20.000	20.800	-4.0	109	0.00
38	Methylcyclohexane	20.000	21.228	-6.1	109	0.00
39 M	1,2-Dichloropropane	20.000	21.266	-6.3	108	0.00
40	Dibromomethane	20.000	21.559	-7.8	108	0.00
41 M	Bromodichloromethane	20.000	21.054	-5.3	107	0.00
42 M	Vinyl Acetate	100.000	107.491	-7.5	108	0.00
43	Ethyl Acetate	20.000	19.535	2.3	99	0.00
44	Isopropyl Acetate	20.000	21.034	-5.2	104	0.00
45 T	1,4-Dioxane	400.000	406.729	-1.7	103	0.00
46	Methyl methacrylate	20.000	20.477	-2.4	106	0.00
47	n-amyl Acetate	20.000	20.299	-1.5	111	0.00
48 M	t-1,3-Dichloropropene	20.000	20.752	-3.8	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.692	-3.5	107	0.00
50 M	1,1,2-Trichloroethane	20.000	21.121	-5.6	108	0.00
51	Ethyl methacrylate	20.000	20.824	-4.1	110	0.00
52	1,3-Dichloropropane	20.000	21.053	-5.3	106	0.00
53 M	Dibromochloromethane	20.000	20.469	-2.3	109	0.00
54 M	1,2-Dibromoethane	20.000	21.011	-5.1	109	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.836	20.2	99	0.00
56 M	Bromoform	20.000	19.356	3.2	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.200	-6.2	105	0.00
59 M	2-Hexanone	100.000	104.365	-4.4	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.358	-1.2	99	0.00
61 M	Tetrachloroethene	20.000	21.669	-8.3	110	0.00
62 M	Toluene	20.000	21.247	-6.2	108	0.00
63 S	Toluene-d8	30.000	30.295	-1.0	96	0.00
64 M	Chlorobenzene	20.000	20.772	-3.9	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.047	-5.2	109	0.00
66 M	Ethyl Benzene	20.000	20.714	-3.6	108	0.00
67 M	m/p-Xylenes	40.000	43.052	-7.6	110	0.00
68 M	o-Xylene	20.000	21.271	-6.4	111	0.00
69 M	Styrene	20.000	20.756	-3.8	107	0.00
70	Isopropylbenzene	20.000	21.411	-7.1	110	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.772	-8.9	107	0.00
72	1,2,3-Trichloropropane	20.000	20.977	-4.9	102	0.00
73	Bromobenzene	20.000	20.404	-2.0	111	0.00
74	n-propylbenzene	20.000	21.374	-6.9	110	0.00
75	2-Chlorotoluene	20.000	21.614	-8.1	111	0.00
76	1,3,5-Trimethylbenzene	20.000	21.771	-8.9	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.145	4.3	103	0.00
78	4-Chlorotoluene	20.000	21.846	-9.2	113	0.00
79	tert-butylbenzene	20.000	21.559	-7.8	112	0.00
80	1,2,4-Trimethylbenzene	20.000	21.565	-7.8	111	0.00
81	sec-Butylbenzene	20.000	21.534	-7.7	112	0.00
82	p-Isopropyltoluene	20.000	21.205	-6.0	114	0.00
83 M	1,3-Dichlorobenzene	20.000	20.951	-4.8	113	0.00
84 M	1,4-Dichlorobenzene	20.000	20.787	-3.9	114	0.00
85	n-Butylbenzene	20.000	20.380	-1.9	114	0.00
86 T	Hexachloroethane	20.000	20.661	-3.3	109	0.00
87 M	1,2-Dichlorobenzene	20.000	20.943	-4.7	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.474	-2.4	109	0.00
89	1,2,4-Trichlorobenzene	20.000	18.648	6.8	119	0.00
90	Hexachlorobutadiene	20.000	20.222	-1.1	117	0.00
91 M	Naphthalene	20.000	17.421	12.9	112	0.00
92	1,2,3-Trichlorobenzene	20.000	18.680	6.6	113	0.00

(#) = Out of Range

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