

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091321\
 Data File : VN068466.D
 Acq On : 13 Sep 2021 19:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 14 04:29:53 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	19.946	0.3	102	0.00
3 M	Chloromethane	20.000	20.080	-0.4	103	0.00
4 M	Vinyl Chloride	20.000	20.222	-1.1	100	0.00
5 M	Bromomethane	20.000	20.149	-0.7	99	0.00
6 M	Chloroethane	20.000	19.999	0.0	99	0.00
7 M	Trichlorofluoromethane	20.000	19.635	1.8	101	0.00
8 T	Diethyl Ether	20.000	19.466	2.7	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.809	6.0	100	0.00
10 M	1,1-Dichloroethene	20.000	19.177	4.1	102	0.00
11	Methyl Iodide	20.000	18.067	9.7	107	0.00
12	Methyl Acetate	20.000	19.746	1.3	104	0.00
13 M	Acrolein	100.000	74.482	25.5	83	0.00
14 M	Acrylonitrile	100.000	96.860	3.1	103	0.00
15 M	Acetone	100.000	90.814	9.2	92	0.00
16 M	Carbon Disulfide	20.000	18.558	7.2	99	0.00
17	Allyl chloride	20.000	19.502	2.5	103	0.00
18 M	Methylene Chloride	20.000	19.084	4.6	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.131	4.3	102	0.00
20 T	Diisopropyl ether	20.000	20.123	-0.6	105	0.00
21 M	1,1-Dichloroethane	20.000	19.463	2.7	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.129	4.4	103	0.00
23 M	tert-Butyl Alcohol	100.000	93.658	6.3	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.500	2.5	104	0.00
25 M	Chloroform	20.000	19.435	2.8	100	0.00
26	Cyclohexane	20.000	19.047	4.8	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.656	-2.2	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.100	4.5	100	0.00
30 M	2-Butanone	100.000	93.846	6.2	98	0.00
31	2,2-Dichloropropane	20.000	17.510	12.4	92	0.00
32 M	1,1,1-Trichloroethane	20.000	19.391	3.0	102	0.00
33 M	Carbon Tetrachloride	20.000	19.438	2.8	104	0.00
34 M	Benzene	20.000	19.473	2.6	102	0.00
35	Methacrylonitrile	20.000	19.806	1.0	102	0.00
36 M	1,2-Dichloroethane	20.000	19.609	2.0	100	0.00
37 M	Trichloroethene	20.000	18.723	6.4	103	0.00
38	Methylcyclohexane	20.000	18.569	7.2	100	0.00
39 M	1,2-Dichloropropane	20.000	19.364	3.2	103	0.00
40	Dibromomethane	20.000	18.982	5.1	100	0.00
41 M	Bromodichloromethane	20.000	19.092	4.5	101	0.00
42 M	Vinyl Acetate	100.000	96.609	3.4	101	0.00
43	Ethyl Acetate	20.000	20.127	-0.6	107	0.00
44	Isopropyl Acetate	20.000	19.472	2.6	100	0.00
45 T	1,4-Dioxane	400.000	388.827	2.8	103	0.00
46	Methyl methacrylate	20.000	18.905	5.5	103	0.00
47	n-amyl Acetate	20.000	18.968	5.2	108	0.00
48 M	t-1,3-Dichloropropene	20.000	18.695	6.5	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.906	5.5	102	0.00
50 M	1,1,2-Trichloroethane	20.000	19.083	4.6	102	0.00
51	Ethyl methacrylate	20.000	18.664	6.7	103	0.00
52	1,3-Dichloropropane	20.000	19.480	2.6	102	0.00
53 M	Dibromochloromethane	20.000	18.507	7.5	103	0.00
54 M	1,2-Dibromoethane	20.000	18.755	6.2	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	73.700	26.3	96	0.00
56 M	Bromoform	20.000	17.434	12.8	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.402	0.6	101	0.00
59 M	2-Hexanone	100.000	99.290	0.7	103	0.00
60 S	4-Bromofluorobenzene	30.000	29.690	1.0	100	0.00
61 M	Tetrachloroethene	20.000	18.909	5.5	99	0.00
62 M	Toluene	20.000	19.412	2.9	102	0.00
63 S	Toluene-d8	30.000	30.977	-3.3	102	0.00
64 M	Chlorobenzene	20.000	19.153	4.2	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.216	3.9	103	0.00
66 M	Ethyl Benzene	20.000	19.082	4.6	103	0.00
67 M	m/p-Xylenes	40.000	38.933	2.7	102	0.00
68 M	o-Xylene	20.000	19.334	3.3	104	0.00
69 M	Styrene	20.000	19.325	3.4	103	0.00
70	Isopropylbenzene	20.000	19.191	4.0	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.801	1.0	101	0.00
72	1,2,3-Trichloropropane	20.000	19.047	4.8	96	0.00
73	Bromobenzene	20.000	18.654	6.7	104	0.00
74	n-propylbenzene	20.000	18.847	5.8	100	0.00
75	2-Chlorotoluene	20.000	19.567	2.2	103	0.00
76	1,3,5-Trimethylbenzene	20.000	19.466	2.7	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.513	12.4	97	0.00
78	4-Chlorotoluene	20.000	19.467	2.7	104	0.00
79	tert-butylbenzene	20.000	19.735	1.3	106	0.00
80	1,2,4-Trimethylbenzene	20.000	19.601	2.0	105	0.00
81	sec-Butylbenzene	20.000	19.232	3.8	103	0.00
82	p-Isopropyltoluene	20.000	18.568	7.2	103	0.00
83 M	1,3-Dichlorobenzene	20.000	18.845	5.8	105	0.00
84 M	1,4-Dichlorobenzene	20.000	19.164	4.2	109	0.00
85	n-Butylbenzene	20.000	17.630	11.9	102	0.00
86 T	Hexachloroethane	20.000	18.495	7.5	100	0.00
87 M	1,2-Dichlorobenzene	20.000	19.921	0.4	110	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.640	-3.2	114	0.00
89	1,2,4-Trichlorobenzene	20.000	16.582	17.1	109	0.00
90	Hexachlorobutadiene	20.000	17.199	14.0	103	0.00
91 M	Naphthalene	20.000	19.457	2.7	129	0.00
92	1,2,3-Trichlorobenzene	20.000	16.985	15.1	107	0.00

(#) = Out of Range

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