

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090821\
 Data File : VN068435.D
 Acq On : 8 Sep 2021 15:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 09 03:32:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 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	80	0.00
2 M	Dichlorodifluoromethane	20.000	15.211	23.9	56	0.00
3 M	Chloromethane	20.000	16.351	18.2	60	0.00
4 M	Vinyl Chloride	20.000	17.935	10.3	64	0.00
5 M	Bromomethane	20.000	20.388	-1.9	72	0.00
6 M	Chloroethane	20.000	19.538	2.3	70	0.00
7 M	Trichlorofluoromethane	20.000	17.151	14.2	64	0.00
8 T	Diethyl Ether	20.000	16.360	18.2	62	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.485	17.6	62	0.00
10 M	1,1-Dichloroethene	20.000	15.999	20.0	61	0.00
11	Methyl Iodide	20.000	14.535	27.3	58	0.00
12	Methyl Acetate	20.000	17.429	12.9	66	0.00
13 M	Acrolein	100.000	97.923	2.1	82	0.00
14 M	Acrylonitrile	100.000	81.678	18.3	62	0.00
15 M	Acetone	100.000	74.337	25.7	50	0.00
16 M	Carbon Disulfide	20.000	15.918	20.4	61	0.00
17	Allyl chloride	20.000	16.945	15.3	62	0.00
18 M	Methylene Chloride	20.000	16.916	15.4	64	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.019	19.9	62	0.00
20 T	Diisopropyl ether	20.000	16.924	15.4	62	0.00
21 M	1,1-Dichloroethane	20.000	16.610	17.0	62	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.443	17.8	65	0.00
23 M	tert-Butyl Alcohol	100.000	92.362	7.6	71	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.482	17.6	62	0.00
25 M	Chloroform	20.000	17.100	14.5	65	0.00
26	Cyclohexane	20.000	16.441	17.8	61	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.050	-10.2	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	16.384	18.1	64	0.00
30 M	2-Butanone	100.000	78.649	21.4	61	0.00
31	2,2-Dichloropropane	20.000	15.235	23.8	60	0.00
32 M	1,1,1-Trichloroethane	20.000	16.368	18.2	64	0.00
33 M	Carbon Tetrachloride	20.000	16.232	18.8	65	0.00
34 M	Benzene	20.000	16.193	19.0	64	0.00
35	Methacrylonitrile	20.000	14.903	25.5	62	0.00
36 M	1,2-Dichloroethane	20.000	16.997	15.0	65	0.00
37 M	Trichloroethene	20.000	16.042	19.8	64	0.00
38	Methylcyclohexane	20.000	15.788	21.1	62	0.00
39 M	1,2-Dichloropropane	20.000	16.020	19.9	63	0.00
40	Dibromomethane	20.000	16.587	17.1	65	0.00
41 M	Bromodichloromethane	20.000	16.622	16.9	65	0.00
42 M	Vinyl Acetate	100.000	79.002	21.0	62	0.00
43	Ethyl Acetate	20.000	16.509	17.5	67	0.00
44	Isopropyl Acetate	20.000	16.287	18.6	63	0.00
45 T	1,4-Dioxane	400.000	360.273	9.9	74	0.00
46	Methyl methacrylate	20.000	15.408	23.0	58	0.00
47	n-amyl Acetate	20.000	14.740	26.3	60	0.00
48 M	t-1,3-Dichloropropene	20.000	15.730	21.3	63	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	15.957	20.2	64	0.00
50 M	1,1,2-Trichloroethane	20.000	16.552	17.2	65	0.00
51	Ethyl methacrylate	20.000	15.395	23.0	61	0.00
52	1,3-Dichloropropane	20.000	16.263	18.7	62	0.00
53 M	Dibromochloromethane	20.000	15.979	20.1	64	0.00
54 M	1,2-Dibromoethane	20.000	16.332	18.3	65	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.795	15.2	71	0.00
56 M	Bromoform	20.000	14.917	25.4	62	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	100.000	83.584	16.4	64	0.00
59 M	2-Hexanone	100.000	78.509	21.5	61	0.00
60 S	4-Bromofluorobenzene	30.000	30.935	-3.1	83	0.00
61 M	Tetrachloroethene	20.000	15.872	20.6	63	0.00
62 M	Toluene	20.000	16.224	18.9	64	0.00
63 S	Toluene-d8	30.000	30.843	-2.8	83	0.00
64 M	Chlorobenzene	20.000	16.042	19.8	64	0.00
65	1,1,1,2-Tetrachloroethane	20.000	16.039	19.8	63	0.00
66 M	Ethyl Benzene	20.000	16.076	19.6	63	0.00
67 M	m/p-Xylenes	40.000	32.456	18.9	63	0.00
68 M	o-Xylene	20.000	16.023	19.9	63	0.00
69 M	Styrene	20.000	15.748	21.3	63	0.00
70	Isopropylbenzene	20.000	16.283	18.6	64	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	16.548	17.3	63	0.00
72	1,2,3-Trichloropropane	20.000	14.791	26.0	56	0.00
73	Bromobenzene	20.000	15.257	23.7	62	0.00
74	n-propylbenzene	20.000	16.141	19.3	63	0.00
75	2-Chlorotoluene	20.000	16.484	17.6	64	0.00
76	1,3,5-Trimethylbenzene	20.000	16.456	17.7	63	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.047	29.8	60	0.00
78	4-Chlorotoluene	20.000	16.267	18.7	64	0.00
79	tert-butylbenzene	20.000	16.306	18.5	64	0.00
80	1,2,4-Trimethylbenzene	20.000	16.193	19.0	62	0.00
81	sec-Butylbenzene	20.000	16.135	19.3	63	0.00
82	p-Isopropyltoluene	20.000	15.492	22.5	61	0.00
83 M	1,3-Dichlorobenzene	20.000	15.723	21.4	62	0.00
84 M	1,4-Dichlorobenzene	20.000	15.114	24.4	61	0.00
85	n-Butylbenzene	20.000	14.488	27.6	61	0.00
86 T	Hexachloroethane	20.000	15.857	20.7	64	0.00
87 M	1,2-Dichlorobenzene	20.000	15.550	22.2	62	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.854	20.7	67	0.00
89	1,2,4-Trichlorobenzene	20.000	12.017	39.9#	57	0.00
90	Hexachlorobutadiene	20.000	13.459	32.7#	58	0.00
91 M	Naphthalene	20.000	10.411	47.9#	53	0.00
92	1,2,3-Trichlorobenzene	20.000	11.649	41.8#	56	0.00

(#) = Out of Range

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