

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067045.D
 Acq On : 7 May 2021 6:22
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 07 07:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	17.411	12.9	86	0.00
3 M	Chloromethane	20.000	17.241	13.8	90	0.00
4 M	Vinyl Chloride	20.000	16.986	15.1	90	0.00
5 M	Bromomethane	20.000	12.476	37.6#	67	0.04
6 M	Chloroethane	20.000	17.641	11.8	95	0.02
7 M	Trichlorofluoromethane	20.000	16.769	16.2	87	0.01
8 T	Diethyl Ether	20.000	17.143	14.3	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.810	16.0	88	0.00
10 M	1,1-Dichloroethene	20.000	16.929	15.4	90	0.01
11	Methyl Iodide	20.000	10.723	46.4#	57	0.00
12	Methyl Acetate	20.000	15.817	20.9	87	0.00
13 M	Acrolein	100.000	35.980	64.0#	40	0.00
14 M	Acrylonitrile	100.000	84.981	15.0	91	0.00
15 M	Acetone	100.000	86.586	13.4	93	0.00
16 M	Carbon Disulfide	20.000	16.892	15.5	89	0.00
17	Allyl chloride	20.000	14.125	29.4	81	0.00
18 M	Methylene Chloride	20.000	16.369	18.2	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.784	16.1	89	0.00
20 T	Diisopropyl ether	20.000	16.993	15.0	89	0.00
21 M	1,1-Dichloroethane	20.000	17.104	14.5	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.416	17.9	87	0.00
23 M	tert-Butyl Alcohol	100.000	75.946	24.1	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.525	17.4	88	0.00
25 M	Chloroform	20.000	17.075	14.6	92	0.00
26	Cyclohexane	20.000	15.937	20.3	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.559	1.5	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	17.619	11.9	88	0.00
30 M	2-Butanone	100.000	91.237	8.8	93	0.00
31	2,2-Dichloropropane	20.000	12.519	37.4#	64	0.00
32 M	1,1,1-Trichloroethane	20.000	18.156	9.2	92	0.00
33 M	Carbon Tetrachloride	20.000	17.971	10.1	91	0.00
34 M	Benzene	20.000	17.686	11.6	89	0.00
35	Methacrylonitrile	20.000	15.809	21.0	81	0.00
36 M	1,2-Dichloroethane	20.000	18.109	9.5	91	0.00
37 M	Trichloroethene	20.000	18.319	8.4	93	0.00
38	Methylcyclohexane	20.000	16.362	18.2	85	0.00
39 M	1,2-Dichloropropane	20.000	17.773	11.1	89	0.00
40	Dibromomethane	20.000	18.299	8.5	93	0.00
41 M	Bromodichloromethane	20.000	17.909	10.5	93	0.00
42 M	Vinyl Acetate	100.000	87.940	12.1	88	0.00
43	Ethyl Acetate	20.000	16.617	16.9	80	0.00
44	Isopropyl Acetate	20.000	17.567	12.2	90	0.00
45 T	1,4-Dioxane	400.000	281.104	29.7	74	0.00
46	Methyl methacrylate	20.000	16.784	16.1	88	0.00
47	n-amyl Acetate	20.000	0.000	100.0#	0	-11.79#
48 M	t-1,3-Dichloropropene	20.000	16.405	18.0	84	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.771	16.1	85	0.00
50 M	1,1,2-Trichloroethane	20.000	18.076	9.6	92	0.00
51	Ethyl methacrylate	20.000	15.781	21.1	83	0.00
52	1,3-Dichloropropane	20.000	17.986	10.1	92	0.00
53 M	Dibromochloromethane	20.000	18.180	9.1	93	0.00
54 M	1,2-Dibromoethane	20.000	18.687	6.6	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	209.570	-109.6#	227	0.00
56 M	Bromoform	20.000	17.360	13.2	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.833	10.2	92	0.00
59 M	2-Hexanone	100.000	89.552	10.4	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.612	1.3	93	0.00
61 M	Tetrachloroethene	20.000	19.256	3.7	99	0.00
62 M	Toluene	20.000	17.482	12.6	91	0.00
63 S	Toluene-d8	30.000	29.959	0.1	94	0.00
64 M	Chlorobenzene	20.000	17.342	13.3	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.597	12.0	92	0.00
66 M	Ethyl Benzene	20.000	17.287	13.6	90	0.00
67 M	m/p-Xylenes	40.000	35.414	11.5	92	0.00
68 M	o-Xylene	20.000	17.040	14.8	90	0.00
69 M	Styrene	20.000	16.748	16.3	87	0.00
70	Isopropylbenzene	20.000	17.426	12.9	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.275	8.6	91	0.00
72	1,2,3-Trichloropropane	20.000	17.438	12.8	88	0.00
73	Bromobenzene	20.000	17.617	11.9	91	0.00
74	n-propylbenzene	20.000	18.432	7.8	95	0.00
75	2-Chlorotoluene	20.000	17.919	10.4	90	0.00
76	1,3,5-Trimethylbenzene	20.000	17.406	13.0	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.440	27.8	68	0.00
78	4-Chlorotoluene	20.000	19.091	4.5	93	0.00
79	tert-butylbenzene	20.000	17.314	13.4	91	0.00
80	1,2,4-Trimethylbenzene	20.000	17.766	11.2	92	0.00
81	sec-Butylbenzene	20.000	17.844	10.8	94	0.00
82	p-Isopropyltoluene	20.000	18.537	7.3	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.013	4.9	101	0.00
84 M	1,4-Dichlorobenzene	20.000	16.816	15.9	98	0.00
85	n-Butylbenzene	20.000	17.934	10.3	102	0.00
86 T	Hexachloroethane	20.000	14.434	27.8	78	0.00
87 M	1,2-Dichlorobenzene	20.000	19.014	4.9	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.996	20.0	102	0.00
89	1,2,4-Trichlorobenzene	20.000	18.902	5.5	107	0.00
90	Hexachlorobutadiene	20.000	18.557	7.2	102	0.00
91 M	Naphthalene	20.000	20.938	-4.7	116	0.00
92	1,2,3-Trichlorobenzene	20.000	18.944	5.3	104	0.00

(#) = Out of Range

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