

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065799.D
 Acq On : 10 Feb 2021 15:42
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 01:32:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	19.657	1.7	92	0.00
3 M	Chloromethane	20.000	17.606	12.0	82	0.00
4 M	Vinyl Chloride	20.000	18.534	7.3	86	0.00
5 M	Bromomethane	20.000	20.108	-0.5	93	0.00
6 M	Chloroethane	20.000	17.573	12.1	82	0.00
7 M	Trichlorofluoromethane	20.000	20.163	-0.8	93	0.00
8 T	Diethyl Ether	20.000	18.498	7.5	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.609	-3.0	95	0.00
10 M	1,1-Dichloroethene	20.000	19.069	4.7	88	0.00
11	Methyl Iodide	20.000	20.383	-1.9	95	0.00
12	Methyl Acetate	20.000	16.483	17.6	76	0.00
13 M	Acrolein	100.000	90.256	9.7	76	0.00
14 M	Acrylonitrile	100.000	85.446	14.6	79	0.00
15 M	Acetone	100.000	128.556	-28.6	102	0.00
16 M	Carbon Disulfide	20.000	16.901	15.5	80	0.00
17	Allyl chloride	20.000	16.483	17.6	78	0.00
18 M	Methylene Chloride	20.000	18.024	9.9	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.326	8.4	87	0.00
20 T	Diisopropyl ether	20.000	16.414	17.9	75	0.00
21 M	1,1-Dichloroethane	20.000	17.625	11.9	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.513	7.4	86	0.00
23 M	tert-Butyl Alcohol	100.000	87.353	12.6	77	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.621	11.9	82	0.00
25 M	Chloroform	20.000	18.198	9.0	84	0.00
26	Cyclohexane	20.000	17.261	13.7	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.868	3.8	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	80	0.00
29	1,1-Dichloropropene	20.000	18.352	8.2	85	0.00
30 M	2-Butanone	100.000	98.631	1.4	86	0.00
31	2,2-Dichloropropane	20.000	17.534	12.3	80	0.00
32 M	1,1,1-Trichloroethane	20.000	18.321	8.4	85	0.00
33 M	Carbon Tetrachloride	20.000	18.887	5.6	87	0.00
34 M	Benzene	20.000	18.461	7.7	85	0.00
35	Methacrylonitrile	20.000	17.036	14.8	86	0.00
36 M	1,2-Dichloroethane	20.000	18.726	6.4	85	0.00
37 M	Trichloroethene	20.000	20.158	-0.8	93	0.00
38	Methylcyclohexane	20.000	18.243	8.8	85	0.00
39 M	1,2-Dichloropropane	20.000	18.079	9.6	83	0.00
40	Dibromomethane	20.000	18.426	7.9	84	0.00
41 M	Bromodichloromethane	20.000	17.413	12.9	81	0.00
42 M	Vinyl Acetate	100.000	80.774	19.2	74	0.00
43	Ethyl Acetate	20.000	17.402	13.0	79	0.00
44	Isopropyl Acetate	20.000	16.380	18.1	74	0.00
45 T	1,4-Dioxane	400.000	368.952	7.8	79	0.00
46	Methyl methacrylate	20.000	16.548	17.3	77	0.00
47	n-amyl Acetate	20.000	15.593	22.0	76	0.00
48 M	t-1,3-Dichloropropene	20.000	16.806	16.0	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.540	12.3	82	0.00
50 M	1,1,2-Trichloroethane	20.000	19.339	3.3	89	0.00
51	Ethyl methacrylate	20.000	17.462	12.7	82	0.00
52	1,3-Dichloropropane	20.000	18.604	7.0	86	0.00
53 M	Dibromochloromethane	20.000	18.385	8.1	88	0.00
54 M	1,2-Dibromoethane	20.000	19.434	2.8	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	75.991	24.0	63	0.00
56 M	Bromoform	20.000	17.495	12.5	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.912	12.1	81	0.00
59 M	2-Hexanone	100.000	93.026	7.0	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.532	1.6	82	0.00
61 M	Tetrachloroethene	20.000	20.144	-0.7	94	0.00
62 M	Toluene	20.000	18.734	6.3	89	0.00
63 S	Toluene-d8	30.000	29.418	1.9	81	0.00
64 M	Chlorobenzene	20.000	19.246	3.8	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.918	5.4	90	0.00
66 M	Ethyl Benzene	20.000	18.428	7.9	88	0.00
67 M	m/p-Xylenes	40.000	38.617	3.5	92	0.00
68 M	o-Xylene	20.000	18.876	5.6	90	0.00
69 M	Styrene	20.000	18.922	5.4	93	0.00
70	Isopropylbenzene	20.000	19.224	3.9	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.025	4.9	89	0.00
72	1,2,3-Trichloropropane	20.000	17.634	11.8	78	0.00
73	Bromobenzene	20.000	19.798	1.0	96	0.00
74	n-propylbenzene	20.000	18.724	6.4	91	0.00
75	2-Chlorotoluene	20.000	18.745	6.3	89	0.00
76	1,3,5-Trimethylbenzene	20.000	19.493	2.5	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.841	25.8	74	0.00
78	4-Chlorotoluene	20.000	18.674	6.6	92	0.00
79	tert-butylbenzene	20.000	19.533	2.3	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.140	4.3	92	0.00
81	sec-Butylbenzene	20.000	19.541	2.3	93	0.00
82	p-Isopropyltoluene	20.000	19.555	2.2	95	0.00
83 M	1,3-Dichlorobenzene	20.000	20.197	-1.0	100	0.00
84 M	1,4-Dichlorobenzene	20.000	19.584	2.1	98	0.00
85	n-Butylbenzene	20.000	18.337	8.3	91	0.00
86 T	Hexachloroethane	20.000	17.030	14.8	85	0.00
87 M	1,2-Dichlorobenzene	20.000	20.118	-0.6	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.822	15.9	79	0.00
89	1,2,4-Trichlorobenzene	20.000	18.392	8.0	99	0.00
90	Hexachlorobutadiene	20.000	20.417	-2.1	97	0.00
91 M	Naphthalene	20.000	17.185	14.1	93	0.00
92	1,2,3-Trichlorobenzene	20.000	19.283	3.6	100	0.00

(#) = Out of Range

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