

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032521\
 Data File : VN066322.D
 Acq On : 25 Mar 2021 9:59
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 26 04:37:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 25 05:52:50 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	19.068	4.7	93	0.00
3 M	Chloromethane	20.000	19.424	2.9	96	0.00
4 M	Vinyl Chloride	20.000	19.389	3.1	95	0.00
5 M	Bromomethane	20.000	19.042	4.8	96	0.01
6 M	Chloroethane	20.000	19.253	3.7	95	0.00
7 M	Trichlorofluoromethane	20.000	19.434	2.8	97	0.00
8 T	Diethyl Ether	20.000	19.671	1.6	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.639	1.8	96	0.00
10 M	1,1-Dichloroethene	20.000	19.038	4.8	95	0.00
11	Methyl Iodide	20.000	19.564	2.2	93	0.00
12	Methyl Acetate	20.000	19.897	0.5	93	0.00
13 M	Acrolein	100.000	94.668	5.3	97	0.00
14 M	Acrylonitrile	100.000	97.531	2.5	94	0.00
15 M	Acetone	100.000	92.982	7.0	96	0.00
16 M	Carbon Disulfide	20.000	18.602	7.0	91	0.00
17	Allyl chloride	20.000	20.500	-2.5	94	0.00
18 M	Methylene Chloride	20.000	19.085	4.6	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.074	4.6	94	0.00
20 T	Diisopropyl ether	20.000	19.507	2.5	94	0.00
21 M	1,1-Dichloroethane	20.000	19.651	1.7	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.096	4.5	93	0.00
23 M	tert-Butyl Alcohol	100.000	100.853	-0.9	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.804	1.0	96	0.00
25 M	Chloroform	20.000	19.470	2.7	94	0.00
26	Cyclohexane	20.000	18.710	6.4	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.682	1.1	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	94	0.00
29	1,1-Dichloropropene	20.000	19.299	3.5	94	0.00
30 M	2-Butanone	100.000	98.651	1.3	95	0.00
31	2,2-Dichloropropane	20.000	19.572	2.1	94	0.00
32 M	1,1,1-Trichloroethane	20.000	19.410	2.9	94	0.00
33 M	Carbon Tetrachloride	20.000	19.350	3.2	93	0.00
34 M	Benzene	20.000	19.827	0.9	95	0.00
35	Methacrylonitrile	20.000	17.864	10.7	90	0.00
36 M	1,2-Dichloroethane	20.000	19.719	1.4	93	0.00
37 M	Trichloroethene	20.000	20.185	-0.9	97	0.00
38	Methylcyclohexane	20.000	19.304	3.5	94	0.00
39 M	1,2-Dichloropropane	20.000	19.689	1.6	94	0.00
40	Dibromomethane	20.000	20.398	-2.0	98	0.00
41 M	Bromodichloromethane	20.000	19.743	1.3	94	0.00
42 M	Vinyl Acetate	100.000	97.842	2.2	94	0.00
43	Ethyl Acetate	20.000	19.843	0.8	93	0.00
44	Isopropyl Acetate	20.000	19.639	1.8	93	0.00
45 T	1,4-Dioxane	400.000	426.249	-6.6	100	0.00
46	Methyl methacrylate	20.000	18.932	5.3	90	0.00
47	n-amyl Acetate	20.000	17.636	11.8	90	0.00
48 M	t-1,3-Dichloropropene	20.000	19.628	1.9	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.802	1.0	95	0.00
50 M	1,1,2-Trichloroethane	20.000	19.698	1.5	93	0.00
51	Ethyl methacrylate	20.000	19.474	2.6	92	0.00
52	1,3-Dichloropropane	20.000	19.719	1.4	94	0.00
53 M	Dibromochloromethane	20.000	19.646	1.8	93	0.00
54 M	1,2-Dibromoethane	20.000	19.748	1.3	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.191	21.8	71	0.00
56 M	Bromoform	20.000	19.813	0.9	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.871	0.1	92	0.00
59 M	2-Hexanone	100.000	98.207	1.8	90	0.00
60 S	4-Bromofluorobenzene	30.000	30.205	-0.7	91	0.00
61 M	Tetrachloroethene	20.000	20.026	-0.1	92	0.00
62 M	Toluene	20.000	19.877	0.6	93	0.00
63 S	Toluene-d8	30.000	30.159	-0.5	92	0.00
64 M	Chlorobenzene	20.000	19.916	0.4	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.768	1.2	92	0.00
66 M	Ethyl Benzene	20.000	19.713	1.4	91	0.00
67 M	m/p-Xylenes	40.000	39.753	0.6	92	0.00
68 M	o-Xylene	20.000	19.987	0.1	92	0.00
69 M	Styrene	20.000	19.752	1.2	91	0.00
70	Isopropylbenzene	20.000	19.705	1.5	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.906	0.5	89	0.00
72	1,2,3-Trichloropropane	20.000	20.813	-4.1	93	0.00
73	Bromobenzene	20.000	19.837	0.8	91	0.00
74	n-propylbenzene	20.000	19.939	0.3	92	0.00
75	2-Chlorotoluene	20.000	19.547	2.3	90	0.00
76	1,3,5-Trimethylbenzene	20.000	20.194	-1.0	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.088	-0.4	89	0.00
78	4-Chlorotoluene	20.000	19.864	0.7	91	0.00
79	tert-butylbenzene	20.000	19.722	1.4	93	0.00
80	1,2,4-Trimethylbenzene	20.000	19.949	0.3	94	0.00
81	sec-Butylbenzene	20.000	20.053	-0.3	93	0.00
82	p-Isopropyltoluene	20.000	20.128	-0.6	94	0.00
83 M	1,3-Dichlorobenzene	20.000	20.519	-2.6	95	0.00
84 M	1,4-Dichlorobenzene	20.000	20.836	-4.2	95	0.00
85	n-Butylbenzene	20.000	19.870	0.6	93	0.00
86 T	Hexachloroethane	20.000	20.396	-2.0	94	0.00
87 M	1,2-Dichlorobenzene	20.000	20.979	-4.9	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.607	-3.0	92	0.00
89	1,2,4-Trichlorobenzene	20.000	20.620	-3.1	98	0.00
90	Hexachlorobutadiene	20.000	20.751	-3.8	100	0.00
91 M	Naphthalene	20.000	20.439	-2.2	95	0.00
92	1,2,3-Trichlorobenzene	20.000	20.113	-0.6	95	0.00

(#) = Out of Range

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