

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072663.D
 Acq On : 06 Jun 2022 14:36
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN060622

Quant Time: Jun 07 06:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 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	19.335	3.3	94	0.00
3 M	Chloromethane	20.000	19.177	4.1	94	0.00
4 M	Vinyl Chloride	20.000	19.031	4.8	92	0.00
5 M	Bromomethane	20.000	19.733	1.3	98	0.00
6 M	Chloroethane	20.000	18.733	6.3	85	0.00
7 M	Trichlorofluoromethane	20.000	19.673	1.6	95	0.00
8 T	Diethyl Ether	20.000	19.634	1.8	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.861	-4.3	101	0.00
10 M	1,1-Dichloroethene	20.000	19.587	2.1	97	0.00
11	Methyl Iodide	20.000	17.817	10.9	83	0.00
12	Methyl Acetate	20.000	18.866	5.7	94	0.00
13 M	Acrolein	100.000	86.275	13.7	90	0.00
14 M	Acrylonitrile	100.000	96.058	3.9	92	0.00
15 M	Acetone	100.000	94.882	5.1	91	0.00
16 M	Carbon Disulfide	20.000	18.461	7.7	95	0.00
17	Allyl chloride	20.000	19.583	2.1	95	0.00
18 M	Methylene Chloride	20.000	19.453	2.7	93	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.079	4.6	92	0.00
20 T	Diisopropyl ether	20.000	20.090	-0.4	95	0.00
21 M	1,1-Dichloroethane	20.000	19.663	1.7	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.664	1.7	94	0.00
23 M	tert-Butyl Alcohol	100.000	96.633	3.4	90	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.037	-0.2	96	0.00
25 M	Chloroform	20.000	20.041	-0.2	96	0.00
26	Cyclohexane	20.000	20.202	-1.0	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.684	1.1	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	19.943	0.3	96	0.00
30 M	2-Butanone	100.000	98.014	2.0	93	0.00
31	2,2-Dichloropropane	20.000	19.657	1.7	93	0.00
32 M	1,1,1-Trichloroethane	20.000	20.004	-0.0	95	0.00
33 M	Carbon Tetrachloride	20.000	19.575	2.1	93	0.00
34 M	Benzene	20.000	19.825	0.9	94	0.00
35	Methacrylonitrile	20.000	18.563	7.2	92	0.00
36 M	1,2-Dichloroethane	20.000	19.815	0.9	92	0.00
37 M	Trichloroethene	20.000	20.197	-1.0	98	0.00
38	Methylcyclohexane	20.000	19.877	0.6	96	0.00
39 M	1,2-Dichloropropane	20.000	20.122	-0.6	96	0.00
40	Dibromomethane	20.000	19.871	0.6	95	0.00
41 M	Bromodichloromethane	20.000	19.867	0.7	93	0.00
42 M	Vinyl Acetate	100.000	100.097	-0.1	94	0.00
43	Ethyl Acetate	20.000	19.426	2.9	90	0.00
44	Isopropyl Acetate	20.000	19.449	2.8	92	0.00
45 T	1,4-Dioxane	400.000	394.381	1.4	90	0.00
46	Methyl methacrylate	20.000	18.861	5.7	92	0.00
47	n-amyl Acetate	20.000	19.155	4.2	98	0.00
48 M	t-1,3-Dichloropropene	20.000	19.287	3.6	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.798	1.0	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.473	2.6	91	0.00
51	Ethyl methacrylate	20.000	18.905	5.5	91	0.00
52	1,3-Dichloropropane	20.000	19.949	0.3	92	0.00
53 M	Dibromochloromethane	20.000	19.170	4.1	92	0.00
54 M	1,2-Dibromoethane	20.000	19.265	3.7	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.886	9.1	94	0.00
56 M	Bromoform	20.000	19.272	3.6	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.725	0.3	92	0.00
59 M	2-Hexanone	100.000	99.015	1.0	92	0.00
60 S	4-Bromofluorobenzene	30.000	30.103	-0.3	96	0.00
61 M	Tetrachloroethene	20.000	20.557	-2.8	94	0.00
62 M	Toluene	20.000	20.091	-0.5	94	0.00
63 S	Toluene-d8	30.000	30.342	-1.1	91	0.00
64 M	Chlorobenzene	20.000	19.874	0.6	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.062	-0.3	91	0.00
66 M	Ethyl Benzene	20.000	20.245	-1.2	95	0.00
67 M	m/p-Xylenes	40.000	40.629	-1.6	96	0.00
68 M	o-Xylene	20.000	20.324	-1.6	95	0.00
69 M	Styrene	20.000	20.016	-0.1	98	0.00
70	Isopropylbenzene	20.000	20.297	-1.5	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.912	-4.6	97	0.00
72	1,2,3-Trichloropropane	20.000	19.457	2.7	82	0.00
73	Bromobenzene	20.000	20.663	-3.3	99	0.00
74	n-propylbenzene	20.000	20.345	-1.7	99	0.00
75	2-Chlorotoluene	20.000	20.572	-2.9	99	0.00
76	1,3,5-Trimethylbenzene	20.000	20.800	-4.0	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.527	2.4	96	0.00
78	4-Chlorotoluene	20.000	20.692	-3.5	102	0.00
79	tert-butylbenzene	20.000	20.266	-1.3	96	0.00
80	1,2,4-Trimethylbenzene	20.000	20.803	-4.0	102	0.00
81	sec-Butylbenzene	20.000	20.803	-4.0	102	0.00
82	p-Isopropyltoluene	20.000	20.766	-3.8	105	0.00
83 M	1,3-Dichlorobenzene	20.000	20.662	-3.3	105	0.00
84 M	1,4-Dichlorobenzene	20.000	20.639	-3.2	103	0.00
85	n-Butylbenzene	20.000	20.327	-1.6	105	0.00
86 T	Hexachloroethane	20.000	20.239	-1.2	97	0.00
87 M	1,2-Dichlorobenzene	20.000	20.561	-2.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.822	0.9	95	0.00
89	1,2,4-Trichlorobenzene	20.000	20.109	-0.5	104	0.00
90	Hexachlorobutadiene	20.000	20.800	-4.0	99	0.00
91 M	Naphthalene	20.000	19.514	2.4	101	0.00
92	1,2,3-Trichlorobenzene	20.000	20.375	-1.9	107	0.00

(#) = Out of Range

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