

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080672.D
 Acq On : 11 Jan 2024 12:53
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN011124

Quant Time: Jan 12 05:21:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	110	0.00
2 M	Dichlorodifluoromethane	20.000	20.642	-3.2	113	0.00
3 M	Chloromethane	20.000	20.580	-2.9	117	0.00
4 M	Vinyl Chloride	20.000	21.325	-6.6	119	0.00
5 M	Bromomethane	20.000	21.071	-5.4	115	0.00
6 M	Chloroethane	20.000	20.367	-1.8	110	0.00
7 M	Trichlorofluoromethane	20.000	20.257	-1.3	112	0.00
8 T	Diethyl Ether	20.000	21.292	-6.5	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.163	-5.8	115	0.00
10 M	1,1-Dichloroethene	20.000	20.592	-3.0	112	0.00
11	Methyl Iodide	20.000	18.952	5.2	105	0.00
12	Methyl Acetate	20.000	19.872	0.6	108	0.00
13 M	Acrolein	100.000	77.177	22.8	86	0.00
14 M	Acrylonitrile	100.000	102.902	-2.9	112	0.00
15 M	Acetone	100.000	100.690	-0.7	106	0.00
16 M	Carbon Disulfide	20.000	19.765	1.2	108	0.00
17	Allyl chloride	20.000	19.810	1.0	109	0.00
18 M	Methylene Chloride	20.000	20.211	-1.1	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.182	-5.9	111	0.00
20 T	Diisopropyl ether	20.000	20.939	-4.7	113	0.00
21 M	1,1-Dichloroethane	20.000	20.826	-4.1	110	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.417	-2.1	111	0.00
23 M	tert-Butyl Alcohol	100.000	98.367	1.6	103	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.134	-0.7	106	0.00
25 M	Chloroform	20.000	20.365	-1.8	111	0.00
26	Cyclohexane	20.000	21.097	-5.5	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.796	4.0	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	20.817	-4.1	116	0.00
30 M	2-Butanone	100.000	99.704	0.3	104	0.00
31	2,2-Dichloropropane	20.000	21.030	-5.2	116	0.00
32 M	1,1,1-Trichloroethane	20.000	20.631	-3.2	116	0.00
33 M	Carbon Tetrachloride	20.000	20.843	-4.2	117	0.00
34 M	Benzene	20.000	20.953	-4.8	114	0.00
35	Methacrylonitrile	20.000	18.762	6.2	100	0.00
36 M	1,2-Dichloroethane	20.000	19.533	2.3	106	0.00
37 M	Trichloroethene	20.000	19.858	0.7	112	0.00
38	Methylcyclohexane	20.000	21.317	-6.6	117	0.00
39 M	1,2-Dichloropropane	20.000	21.025	-5.1	116	0.00
40	Dibromomethane	20.000	19.943	0.3	108	0.00
41 M	Bromodichloromethane	20.000	20.023	-0.1	109	0.00
42 M	Vinyl Acetate	100.000	103.336	-3.3	110	0.00
43	Ethyl Acetate	20.000	19.143	4.3	95	0.00
44	Isopropyl Acetate	20.000	20.184	-0.9	110	0.00
45 T	1,4-Dioxane	400.000	404.565	-1.1	98	0.00
46	Methyl methacrylate	20.000	19.720	1.4	107	0.00
47	n-amyl Acetate	20.000	19.837	0.8	106	0.00
48 M	t-1,3-Dichloropropene	20.000	19.836	0.8	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.311	-1.6	112	0.00
50 M	1,1,2-Trichloroethane	20.000	20.544	-2.7	109	0.00
51	Ethyl methacrylate	20.000	20.591	-3.0	111	0.00
52	1,3-Dichloropropane	20.000	19.918	0.4	106	0.00
53 M	Dibromochloromethane	20.000	20.224	-1.1	108	0.00
54 M	1,2-Dibromoethane	20.000	20.355	-1.8	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.968	21.0	81	0.00
56 M	Bromoform	20.000	19.341	3.3	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.250	1.8	105	0.00
59 M	2-Hexanone	100.000	100.938	-0.9	109	0.00
60 S	4-Bromofluorobenzene	30.000	28.652	4.5	99	0.00
61 M	Tetrachloroethene	20.000	20.499	-2.5	113	0.00
62 M	Toluene	20.000	20.841	-4.2	115	0.00
63 S	Toluene-d8	30.000	30.226	-0.8	104	0.00
64 M	Chlorobenzene	20.000	20.185	-0.9	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.046	-0.2	113	0.00
66 M	Ethyl Benzene	20.000	21.152	-5.8	118	0.00
67 M	m/p-Xylenes	40.000	42.209	-5.5	115	0.00
68 M	o-Xylene	20.000	20.751	-3.8	116	0.00
69 M	Styrene	20.000	20.102	-0.5	110	0.00
70	Isopropylbenzene	20.000	20.395	-2.0	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.610	2.0	106	0.00
72	1,2,3-Trichloropropane	20.000	18.969	5.2	98	0.00
73	Bromobenzene	20.000	20.000	0.0	110	0.00
74	n-propylbenzene	20.000	20.210	-1.1	112	0.00
75	2-Chlorotoluene	20.000	20.210	-1.1	114	0.00
76	1,3,5-Trimethylbenzene	20.000	20.500	-2.5	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.439	-2.2	114	0.00
78	4-Chlorotoluene	20.000	19.953	0.2	114	0.00
79	tert-butylbenzene	20.000	20.252	-1.3	112	0.00
80	1,2,4-Trimethylbenzene	20.000	20.946	-4.7	112	0.00
81	sec-Butylbenzene	20.000	20.077	-0.4	113	0.00
82	p-Isopropyltoluene	20.000	20.721	-3.6	114	0.00
83 M	1,3-Dichlorobenzene	20.000	20.058	-0.3	110	0.00
84 M	1,4-Dichlorobenzene	20.000	20.229	-1.1	112	0.00
85	n-Butylbenzene	20.000	20.354	-1.8	116	0.00
86 T	Hexachloroethane	20.000	19.492	2.5	121	0.00
87 M	1,2-Dichlorobenzene	20.000	20.391	-2.0	113	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.543	2.3	102	0.00
89	1,2,4-Trichlorobenzene	20.000	18.374	8.1	99	0.00
90	Hexachlorobutadiene	20.000	19.738	1.3	114	0.00
91 M	Naphthalene	20.000	18.632	6.8	99	0.00
92	1,2,3-Trichlorobenzene	20.000	18.374	8.1	99	0.00

(#) = Out of Range

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