

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011025\
 Data File : VN085426.D
 Acq On : 10 Jan 2025 16:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 10 22:49:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Dec 21 02:03:07 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	20.604	-3.0	94	0.00
3 M	Chloromethane	20.000	20.201	-1.0	94	0.00
4 M	Vinyl Chloride	20.000	21.056	-5.3	100	0.00
5 M	Bromomethane	20.000	20.564	-2.8	100	0.00
6 M	Chloroethane	20.000	21.187	-5.9	99	0.00
7 M	Trichlorofluoromethane	20.000	21.056	-5.3	99	0.00
8 T	Diethyl Ether	20.000	20.617	-3.1	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.674	-8.4	102	0.00
10 M	1,1-Dichloroethene	20.000	21.264	-6.3	104	0.00
11	Methyl Iodide	20.000	19.955	0.2	100	0.00
12	Methyl Acetate	20.000	23.062	-15.3	110	0.00
13 M	Acrolein	100.000	114.435	-14.4	124	0.00
14 M	Acrylonitrile	100.000	99.650	0.3	96	0.00
15 M	Acetone	100.000	98.823	1.2	94	-0.01
16 M	Carbon Disulfide	20.000	19.332	3.3	92	0.00
17	Allyl chloride	20.000	19.754	1.2	97	0.00
18 M	Methylene Chloride	20.000	20.929	-4.6	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.409	-7.0	104	0.00
20 T	Diisopropyl ether	20.000	20.777	-3.9	98	-0.01
21 M	1,1-Dichloroethane	20.000	21.742	-8.7	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.902	-9.5	106	0.00
23 M	tert-Butyl Alcohol	100.000	84.476	15.5	85	-0.01
24 M	Methyl tert-Butyl Ether	20.000	21.229	-6.1	103	0.00
25 M	Chloroform	20.000	21.397	-7.0	100	0.00
26	Cyclohexane	20.000	20.502	-2.5	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.033	-0.1	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	21.726	-8.6	105	0.00
30 M	2-Butanone	100.000	95.824	4.2	92	0.00
31	2,2-Dichloropropane	20.000	21.747	-8.7	103	0.00
32 M	1,1,1-Trichloroethane	20.000	21.738	-8.7	103	0.00
33 M	Carbon Tetrachloride	20.000	21.112	-5.6	101	0.00
34 M	Benzene	20.000	21.394	-7.0	101	0.00
35	Methacrylonitrile	20.000	20.792	-4.0	101	0.00
36 M	1,2-Dichloroethane	20.000	21.588	-7.9	103	0.00
37 M	Trichloroethene	20.000	21.857	-9.3	105	0.00
38	Methylcyclohexane	20.000	20.751	-3.8	109	0.00
39 M	1,2-Dichloropropane	20.000	21.743	-8.7	103	0.00
40	Dibromomethane	20.000	21.430	-7.1	102	0.00
41 M	Bromodichloromethane	20.000	21.360	-6.8	101	0.00
42 M	Vinyl Acetate	100.000	98.040	2.0	96	0.00
43	Ethyl Acetate	20.000	17.695	11.5	88	0.00
44	Isopropyl Acetate	20.000	19.555	2.2	95	0.00
45 T	1,4-Dioxane	400.000	376.912	5.8	91	0.00
46	Methyl methacrylate	20.000	19.577	2.1	95	0.00
47	n-amyl Acetate	20.000	19.483	2.6	97	0.00
48 M	t-1,3-Dichloropropene	20.000	20.708	-3.5	103	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.544	-2.7	101	0.00
50 M	1,1,2-Trichloroethane	20.000	20.799	-4.0	97	0.00
51	Ethyl methacrylate	20.000	20.027	-0.1	102	0.00
52	1,3-Dichloropropane	20.000	21.543	-7.7	101	0.00
53 M	Dibromochloromethane	20.000	20.735	-3.7	97	0.00
54 M	1,2-Dibromoethane	20.000	21.586	-7.9	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.282	-0.3	100	0.00
56 M	Bromoform	20.000	19.594	2.0	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.922	0.1	94	0.00
59 M	2-Hexanone	100.000	97.341	2.7	92	0.00
60 S	4-Bromofluorobenzene	30.000	30.190	-0.6	99	0.00
61 M	Tetrachloroethene	20.000	21.588	-7.9	103	0.00
62 M	Toluene	20.000	21.468	-7.3	102	0.00
63 S	Toluene-d8	30.000	29.864	0.5	95	0.00
64 M	Chlorobenzene	20.000	21.484	-7.4	104	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.501	-7.5	102	0.00
66 M	Ethyl Benzene	20.000	21.006	-5.0	104	0.00
67 M	m/p-Xylenes	40.000	42.868	-7.2	102	0.00
68 M	o-Xylene	20.000	21.057	-5.3	103	0.00
69 M	Styrene	20.000	21.099	-5.5	102	0.00
70	Isopropylbenzene	20.000	21.592	-8.0	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.910	0.4	97	0.00
72	1,2,3-Trichloropropane	20.000	21.633	-8.2	111	0.00
73	Bromobenzene	20.000	21.006	-5.0	100	0.00
74	n-propylbenzene	20.000	21.385	-6.9	105	0.00
75	2-Chlorotoluene	20.000	21.714	-8.6	106	0.00
76	1,3,5-Trimethylbenzene	20.000	21.457	-7.3	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.947	0.3	105	0.00
78	4-Chlorotoluene	20.000	21.146	-5.7	104	0.00
79	tert-butylbenzene	20.000	21.186	-5.9	108	0.00
80	1,2,4-Trimethylbenzene	20.000	21.321	-6.6	104	0.00
81	sec-Butylbenzene	20.000	21.356	-6.8	108	0.00
82	p-Isopropyltoluene	20.000	21.238	-6.2	110	0.00
83 M	1,3-Dichlorobenzene	20.000	21.151	-5.8	102	0.00
84 M	1,4-Dichlorobenzene	20.000	21.476	-7.4	109	0.00
85	n-Butylbenzene	20.000	20.816	-4.1	111	0.00
86 T	Hexachloroethane	20.000	19.980	0.1	96	0.00
87 M	1,2-Dichlorobenzene	20.000	21.061	-5.3	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.754	6.2	93	0.00
89	1,2,4-Trichlorobenzene	20.000	20.512	-2.6	106	0.00
90	Hexachlorobutadiene	20.000	19.504	2.5	97	0.00
91 M	Naphthalene	20.000	19.094	4.5	104	0.00
92	1,2,3-Trichlorobenzene	20.000	20.512	-2.6	106	0.00

(#) = Out of Range

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