

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041425\
 Data File : VN086257.D
 Acq On : 14 Apr 2025 09:48
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 15 03:03:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	20.151	-0.8	108	0.00
3 M	Chloromethane	20.000	19.136	4.3	106	0.00
4 M	Vinyl Chloride	20.000	19.110	4.5	104	0.00
5 M	Bromomethane	20.000	18.267	8.7	101	0.00
6 M	Chloroethane	20.000	19.288	3.6	107	0.00
7 M	Trichlorofluoromethane	20.000	19.135	4.3	106	0.00
8 T	Diethyl Ether	20.000	19.039	4.8	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.258	3.7	105	0.00
10 M	1,1-Dichloroethene	20.000	18.675	6.6	103	0.00
11	Methyl Iodide	20.000	18.598	7.0	102	0.00
12	Methyl Acetate	20.000	18.438	7.8	104	0.00
13 M	Acrolein	100.000	111.843	-11.8	157	0.00
14 M	Acrylonitrile	100.000	90.298	9.7	99	0.00
15 M	Acetone	100.000	84.669	15.3	92	0.00
16 M	Carbon Disulfide	20.000	18.916	5.4	102	0.00
17	Allyl chloride	20.000	18.564	7.2	103	0.00
18 M	Methylene Chloride	20.000	18.758	6.2	106	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.441	7.8	103	0.00
20 T	Diisopropyl ether	20.000	18.962	5.2	104	0.00
21 M	1,1-Dichloroethane	20.000	19.400	3.0	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.151	4.2	106	0.00
23 M	tert-Butyl Alcohol	100.000	87.324	12.7	93	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.980	5.1	105	0.00
25 M	Chloroform	20.000	19.034	4.8	105	0.00
26	Cyclohexane	20.000	18.858	5.7	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.943	0.2	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	18.870	5.6	105	0.00
30 M	2-Butanone	100.000	87.649	12.4	96	0.00
31	2,2-Dichloropropane	20.000	19.429	2.9	107	0.00
32 M	1,1,1-Trichloroethane	20.000	18.645	6.8	105	0.00
33 M	Carbon Tetrachloride	20.000	18.867	5.7	105	0.00
34 M	Benzene	20.000	18.775	6.1	105	0.00
35	Methacrylonitrile	20.000	17.817	10.9	100	0.00
36 M	1,2-Dichloroethane	20.000	19.155	4.2	107	0.00
37 M	Trichloroethene	20.000	19.222	3.9	107	0.00
38	Methylcyclohexane	20.000	18.783	6.1	107	0.00
39 M	1,2-Dichloropropane	20.000	18.907	5.5	106	0.00
40	Dibromomethane	20.000	18.422	7.9	104	0.00
41 M	Bromodichloromethane	20.000	18.478	7.6	103	0.00
42 M	Vinyl Acetate	100.000	93.065	6.9	101	0.00
43	Ethyl Acetate	20.000	17.853	10.7	97	0.00
44	Isopropyl Acetate	20.000	17.314	13.4	98	0.00
45 T	1,4-Dioxane	400.000	364.534	8.9	101	0.00
46	Methyl methacrylate	20.000	18.242	8.8	101	0.00
47	n-amyl Acetate	20.000	17.197	14.0	98	0.00
48 M	t-1,3-Dichloropropene	20.000	18.586	7.1	104	0.00

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041125W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 12 01:21:52 2025
 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)
49 T	cis-1,3-Dichloropropene	20.000	18.832	5.8	105	0.00
50 M	1,1,2-Trichloroethane	20.000	18.457	7.7	102	0.00
51	Ethyl methacrylate	20.000	17.910	10.4	100	0.00
52	1,3-Dichloropropane	20.000	18.712	6.4	106	0.00
53 M	Dibromochloromethane	20.000	18.691	6.5	104	0.00
54 M	1,2-Dibromoethane	20.000	18.482	7.6	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.673	-10.7	99	0.00
56 M	Bromoform	20.000	18.314	8.4	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.099	8.9	98	0.00
59 M	2-Hexanone	100.000	90.316	9.7	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.439	1.9	104	0.00
61 M	Tetrachloroethene	20.000	19.384	3.1	107	0.00
62 M	Toluene	20.000	19.032	4.8	104	0.00
63 S	Toluene-d8	30.000	29.915	0.3	104	0.00
64 M	Chlorobenzene	20.000	19.013	4.9	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.109	4.5	105	0.00
66 M	Ethyl Benzene	20.000	18.804	6.0	104	0.00
67 M	m/p-Xylenes	40.000	37.610	6.0	105	0.00
68 M	o-Xylene	20.000	19.296	3.5	107	0.00
69 M	Styrene	20.000	18.708	6.5	105	0.00
70	Isopropylbenzene	20.000	19.063	4.7	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.397	8.0	100	0.00
72	1,2,3-Trichloropropane	20.000	18.304	8.5	102	0.00
73	Bromobenzene	20.000	19.012	4.9	105	0.00
74	n-propylbenzene	20.000	19.060	4.7	108	0.00
75	2-Chlorotoluene	20.000	18.767	6.2	105	0.00
76	1,3,5-Trimethylbenzene	20.000	18.910	5.4	105	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.430	7.9	103	0.00
78	4-Chlorotoluene	20.000	18.592	7.0	106	0.00
79	tert-butylbenzene	20.000	18.681	6.6	105	0.00
80	1,2,4-Trimethylbenzene	20.000	18.902	5.5	105	0.00
81	sec-Butylbenzene	20.000	19.085	4.6	106	0.00
82	p-Isopropyltoluene	20.000	19.321	3.4	107	0.00
83 M	1,3-Dichlorobenzene	20.000	18.827	5.9	107	0.00
84 M	1,4-Dichlorobenzene	20.000	18.615	6.9	105	0.00
85	n-Butylbenzene	20.000	18.955	5.2	106	0.00
86 T	Hexachloroethane	20.000	19.019	4.9	106	0.00
87 M	1,2-Dichlorobenzene	20.000	18.686	6.6	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.576	17.1	89	0.00
89	1,2,4-Trichlorobenzene	20.000	18.029	9.9	95	0.00
90	Hexachlorobutadiene	20.000	17.220	13.9	94	0.00
91 M	Naphthalene	20.000	16.532	17.3	89	0.00
92	1,2,3-Trichlorobenzene	20.000	18.029	9.9	95	0.00

(#) = Out of Range

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