

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010225\
 Data File : VN085378.D
 Acq On : 02 Jan 2025 15:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 03 00:44:16 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.672	6.6	91	0.00
3 M	Chloromethane	20.000	18.815	5.9	93	0.00
4 M	Vinyl Chloride	20.000	18.607	7.0	94	0.00
5 M	Bromomethane	20.000	17.188	14.1	89	0.00
6 M	Chloroethane	20.000	19.105	4.5	95	0.00
7 M	Trichlorofluoromethane	20.000	18.539	7.3	92	0.00
8 T	Diethyl Ether	20.000	18.813	5.9	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.921	5.4	94	0.00
10 M	1,1-Dichloroethene	20.000	18.589	7.1	97	0.00
11	Methyl Iodide	20.000	18.867	5.7	101	0.00
12	Methyl Acetate	20.000	19.662	1.7	99	0.00
13 M	Acrolein	100.000	91.127	8.9	105	0.00
14 M	Acrylonitrile	100.000	88.859	11.1	91	0.00
15 M	Acetone	100.000	88.908	11.1	89	0.00
16 M	Carbon Disulfide	20.000	18.114	9.4	92	0.00
17	Allyl chloride	20.000	17.796	11.0	93	0.00
18 M	Methylene Chloride	20.000	18.730	6.3	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.653	1.7	101	0.00
20 T	Diisopropyl ether	20.000	18.943	5.3	95	0.00
21 M	1,1-Dichloroethane	20.000	18.762	6.2	95	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.722	6.4	97	0.00
23 M	tert-Butyl Alcohol	100.000	80.187	19.8	86	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.705	6.5	97	-0.01
25 M	Chloroform	20.000	19.025	4.9	95	0.00
26	Cyclohexane	20.000	18.443	7.8	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.170	-0.6	103	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	17.920	10.4	94	0.00
30 M	2-Butanone	100.000	84.608	15.4	89	0.00
31	2,2-Dichloropropane	20.000	17.646	11.8	92	0.00
32 M	1,1,1-Trichloroethane	20.000	18.139	9.3	94	0.00
33 M	Carbon Tetrachloride	20.000	18.402	8.0	96	0.00
34 M	Benzene	20.000	18.555	7.2	96	0.00
35	Methacrylonitrile	20.000	16.862	15.7	89	0.00
36 M	1,2-Dichloroethane	20.000	18.676	6.6	97	0.00
37 M	Trichloroethene	20.000	18.068	9.7	95	0.00
38	Methylcyclohexane	20.000	17.245	13.8	99	0.00
39 M	1,2-Dichloropropane	20.000	18.110	9.5	94	0.00
40	Dibromomethane	20.000	18.426	7.9	96	0.00
41 M	Bromodichloromethane	20.000	18.418	7.9	95	0.00
42 M	Vinyl Acetate	100.000	87.400	12.6	94	0.00
43	Ethyl Acetate	20.000	18.077	9.6	98	0.00
44	Isopropyl Acetate	20.000	17.463	12.7	93	0.00
45 T	1,4-Dioxane	400.000	305.314	23.7	81	0.00
46	Methyl methacrylate	20.000	17.450	12.8	93	0.00
47	n-amyl Acetate	20.000	17.666	11.7	96	0.00
48 M	t-1,3-Dichloropropene	20.000	17.717	11.4	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.950	10.3	96	0.00
50 M	1,1,2-Trichloroethane	20.000	17.836	10.8	90	0.00
51	Ethyl methacrylate	20.000	17.282	13.6	96	0.00
52	1,3-Dichloropropane	20.000	18.008	10.0	92	0.00
53 M	Dibromochloromethane	20.000	17.946	10.3	92	0.00
54 M	1,2-Dibromoethane	20.000	18.171	9.1	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.156	19.8	87	0.00
56 M	Bromoform	20.000	17.322	13.4	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	100.000	88.450	11.5	91	0.00
59 M	2-Hexanone	100.000	86.851	13.1	90	0.00
60 S	4-Bromofluorobenzene	30.000	29.689	1.0	106	0.00
61 M	Tetrachloroethene	20.000	18.858	5.7	99	0.00
62 M	Toluene	20.000	18.291	8.5	95	0.00
63 S	Toluene-d8	30.000	29.311	2.3	102	0.00
64 M	Chlorobenzene	20.000	18.944	5.3	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.062	9.7	93	0.00
66 M	Ethyl Benzene	20.000	18.074	9.6	98	0.00
67 M	m/p-Xylenes	40.000	36.986	7.5	96	0.00
68 M	o-Xylene	20.000	18.197	9.0	98	0.00
69 M	Styrene	20.000	18.293	8.5	97	0.00
70	Isopropylbenzene	20.000	18.729	6.4	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.622	11.9	94	0.00
72	1,2,3-Trichloropropane	20.000	18.637	6.8	104	0.00
73	Bromobenzene	20.000	18.440	7.8	96	0.00
74	n-propylbenzene	20.000	18.666	6.7	100	0.00
75	2-Chlorotoluene	20.000	18.432	7.8	99	0.00
76	1,3,5-Trimethylbenzene	20.000	18.385	8.1	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	12.572	37.1#	72	0.00
78	4-Chlorotoluene	20.000	18.358	8.2	99	0.00
79	tert-butylbenzene	20.000	17.857	10.7	99	0.00
80	1,2,4-Trimethylbenzene	20.000	18.453	7.7	98	0.00
81	sec-Butylbenzene	20.000	18.298	8.5	101	0.00
82	p-Isopropyltoluene	20.000	18.150	9.3	103	0.00
83 M	1,3-Dichlorobenzene	20.000	17.869	10.7	94	0.00
84 M	1,4-Dichlorobenzene	20.000	18.560	7.2	103	0.00
85	n-Butylbenzene	20.000	18.218	8.9	106	0.00
86 T	Hexachloroethane	20.000	16.637	16.8	87	0.00
87 M	1,2-Dichlorobenzene	20.000	18.158	9.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.690	16.5	90	0.00
89	1,2,4-Trichlorobenzene	20.000	18.904	5.5	107	0.00
90	Hexachlorobutadiene	20.000	17.552	12.2	95	0.00
91 M	Naphthalene	20.000	17.608	12.0	105	0.00
92	1,2,3-Trichlorobenzene	20.000	18.904	5.5	107	0.00

(#) = Out of Range

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