

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
 Data File : VN085390.D
 Acq On : 07 Jan 2025 10:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 08 04:14:32 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	20.976	-4.9	97	0.00
3 M	Chloromethane	20.000	19.376	3.1	91	0.00
4 M	Vinyl Chloride	20.000	20.226	-1.1	97	0.00
5 M	Bromomethane	20.000	19.978	0.1	99	0.01
6 M	Chloroethane	20.000	20.422	-2.1	96	0.01
7 M	Trichlorofluoromethane	20.000	21.462	-7.3	102	0.00
8 T	Diethyl Ether	20.000	18.468	7.7	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.015	-10.1	104	0.00
10 M	1,1-Dichloroethene	20.000	19.886	0.6	99	0.00
11	Methyl Iodide	20.000	19.515	2.4	99	0.00
12	Methyl Acetate	20.000	18.859	5.7	91	0.00
13 M	Acrolein	100.000	80.250	19.8	88	-0.01
14 M	Acrylonitrile	100.000	82.099	17.9	80	0.00
15 M	Acetone	100.000	83.783	16.2	80	0.00
16 M	Carbon Disulfide	20.000	19.375	3.1	94	0.00
17	Allyl chloride	20.000	18.317	8.4	91	0.00
18 M	Methylene Chloride	20.000	20.109	-0.5	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.839	-4.2	102	0.00
20 T	Diisopropyl ether	20.000	20.338	-1.7	97	0.00
21 M	1,1-Dichloroethane	20.000	20.838	-4.2	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.537	-2.7	101	0.00
23 M	tert-Butyl Alcohol	100.000	63.024	37.0#	65	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.276	3.6	95	-0.01
25 M	Chloroform	20.000	21.083	-5.4	100	0.00
26	Cyclohexane	20.000	18.846	5.8	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.792	0.7	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	21.056	-5.3	101	0.00
30 M	2-Butanone	100.000	80.410	19.6	77	0.00
31	2,2-Dichloropropane	20.000	21.027	-5.1	100	0.00
32 M	1,1,1-Trichloroethane	20.000	21.310	-6.5	101	0.00
33 M	Carbon Tetrachloride	20.000	21.448	-7.2	102	0.00
34 M	Benzene	20.000	20.851	-4.3	98	0.00
35	Methacrylonitrile	20.000	16.902	15.5	82	0.00
36 M	1,2-Dichloroethane	20.000	20.387	-1.9	97	0.00
37 M	Trichloroethene	20.000	20.634	-3.2	99	0.00
38	Methylcyclohexane	20.000	19.342	3.3	102	0.00
39 M	1,2-Dichloropropane	20.000	20.440	-2.2	97	0.00
40	Dibromomethane	20.000	20.410	-2.1	97	0.00
41 M	Bromodichloromethane	20.000	20.767	-3.8	98	0.00
42 M	Vinyl Acetate	100.000	89.286	10.7	88	0.00
43	Ethyl Acetate	20.000	17.882	10.6	89	0.00
44	Isopropyl Acetate	20.000	17.766	11.2	86	0.00
45 T	1,4-Dioxane	400.000	297.233	25.7#	72	0.00
46	Methyl methacrylate	20.000	16.906	15.5	82	-0.01
47	n-amyl Acetate	20.000	16.664	16.7	83	0.00
48 M	t-1,3-Dichloropropene	20.000	19.615	1.9	97	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.683	1.6	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.358	-1.8	94	0.00
51	Ethyl methacrylate	20.000	18.022	9.9	91	0.00
52	1,3-Dichloropropane	20.000	20.281	-1.4	95	0.00
53 M	Dibromochloromethane	20.000	20.575	-2.9	96	0.00
54 M	1,2-Dibromoethane	20.000	19.808	1.0	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.891	15.1	84	0.00
56 M	Bromoform	20.000	18.894	5.5	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	85.654	14.3	80	0.00
59 M	2-Hexanone	100.000	82.154	17.8	77	0.00
60 S	4-Bromofluorobenzene	30.000	30.262	-0.9	98	0.00
61 M	Tetrachloroethene	20.000	22.363	-11.8	106	0.00
62 M	Toluene	20.000	21.006	-5.0	99	0.00
63 S	Toluene-d8	30.000	30.829	-2.8	97	0.00
64 M	Chlorobenzene	20.000	20.963	-4.8	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.778	-8.9	102	0.00
66 M	Ethyl Benzene	20.000	19.715	1.4	97	0.00
67 M	m/p-Xylenes	40.000	42.287	-5.7	99	0.00
68 M	o-Xylene	20.000	20.599	-3.0	100	0.00
69 M	Styrene	20.000	20.360	-1.8	97	0.00
70	Isopropylbenzene	20.000	20.249	-1.2	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.376	8.1	88	0.00
72	1,2,3-Trichloropropane	20.000	19.123	4.4	97	0.00
73	Bromobenzene	20.000	20.551	-2.8	97	0.00
74	n-propylbenzene	20.000	20.142	-0.7	97	0.00
75	2-Chlorotoluene	20.000	20.771	-3.9	100	0.00
76	1,3,5-Trimethylbenzene	20.000	20.616	-3.1	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.282	18.6	84	0.00
78	4-Chlorotoluene	20.000	20.343	-1.7	99	0.00
79	tert-butylbenzene	20.000	20.328	-1.6	102	0.00
80	1,2,4-Trimethylbenzene	20.000	20.764	-3.8	100	0.00
81	sec-Butylbenzene	20.000	20.283	-1.4	101	0.00
82	p-Isopropyltoluene	20.000	20.218	-1.1	103	0.00
83 M	1,3-Dichlorobenzene	20.000	20.650	-3.2	98	0.00
84 M	1,4-Dichlorobenzene	20.000	20.442	-2.2	102	0.00
85	n-Butylbenzene	20.000	19.446	2.8	103	0.00
86 T	Hexachloroethane	20.000	20.003	-0.0	95	0.00
87 M	1,2-Dichlorobenzene	20.000	20.227	-1.1	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.274	18.6	80	0.00
89	1,2,4-Trichlorobenzene	20.000	18.674	6.6	95	0.00
90	Hexachlorobutadiene	20.000	20.298	-1.5	99	0.00
91 M	Naphthalene	20.000	15.138	24.3	82	0.00
92	1,2,3-Trichlorobenzene	20.000	18.674	6.6	95	0.00

(#) = Out of Range

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