

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041125\
 Data File : VN086255.D
 Acq On : 11 Apr 2025 17:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 01:51:53 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	61	0.00
2 M	Dichlorodifluoromethane	20.000	19.378	3.1	61	0.00
3 M	Chloromethane	20.000	19.805	1.0	65	0.00
4 M	Vinyl Chloride	20.000	19.548	2.3	63	0.00
5 M	Bromomethane	20.000	19.311	3.4	63	0.00
6 M	Chloroethane	20.000	19.909	0.5	65	0.00
7 M	Trichlorofluoromethane	20.000	19.342	3.3	63	0.00
8 T	Diethyl Ether	20.000	18.955	5.2	62	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.715	6.4	60	0.00
10 M	1,1-Dichloroethene	20.000	18.753	6.2	61	0.00
11	Methyl Iodide	20.000	19.145	4.3	62	0.00
12	Methyl Acetate	20.000	18.433	7.8	61	0.00
13 M	Acrolein	100.000	82.706	17.3	68	0.00
14 M	Acrylonitrile	100.000	94.238	5.8	61	0.00
15 M	Acetone	100.000	91.311	8.7	58	0.00
16 M	Carbon Disulfide	20.000	19.148	4.3	61	0.00
17	Allyl chloride	20.000	19.596	2.0	64	0.00
18 M	Methylene Chloride	20.000	19.010	4.9	63	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.843	5.8	62	0.00
20 T	Diisopropyl ether	20.000	17.775	11.1	57	0.00
21 M	1,1-Dichloroethane	20.000	19.295	3.5	62	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.057	4.7	62	0.00
23 M	tert-Butyl Alcohol	100.000	89.739	10.3	57	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.777	6.1	61	0.00
25 M	Chloroform	20.000	19.423	2.9	63	0.00
26	Cyclohexane	20.000	18.733	6.3	62	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.085	3.0	60	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	59	0.00
29	1,1-Dichloropropene	20.000	19.965	0.2	62	0.00
30 M	2-Butanone	100.000	96.889	3.1	59	0.00
31	2,2-Dichloropropane	20.000	19.045	4.8	59	0.00
32 M	1,1,1-Trichloroethane	20.000	19.825	0.9	62	0.00
33 M	Carbon Tetrachloride	20.000	19.444	2.8	60	0.00
34 M	Benzene	20.000	19.909	0.5	62	0.00
35	Methacrylonitrile	20.000	20.728	-3.6	65	0.00
36 M	1,2-Dichloroethane	20.000	19.705	1.5	61	0.00
37 M	Trichloroethene	20.000	18.904	5.5	58	0.00
38	Methylcyclohexane	20.000	18.901	5.5	60	0.00
39 M	1,2-Dichloropropane	20.000	19.693	1.5	61	0.00
40	Dibromomethane	20.000	19.875	0.6	62	0.00
41 M	Bromodichloromethane	20.000	19.539	2.3	61	0.00
42 M	Vinyl Acetate	100.000	101.896	-1.9	61	0.00
43	Ethyl Acetate	20.000	17.072	14.6	52	0.00
44	Isopropyl Acetate	20.000	19.518	2.4	61	0.00
45 T	1,4-Dioxane	400.000	392.047	2.0	60	0.00
46	Methyl methacrylate	20.000	19.067	4.7	59	0.00
47	n-amyl Acetate	20.000	17.812	10.9	57	0.00
48 M	t-1,3-Dichloropropene	20.000	19.149	4.3	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.814	0.9	61	0.00
50 M	1,1,2-Trichloroethane	20.000	19.319	3.4	59	0.00
51	Ethyl methacrylate	20.000	18.768	6.2	59	0.00
52	1,3-Dichloropropane	20.000	19.740	1.3	62	0.00
53 M	Dibromochloromethane	20.000	19.406	3.0	60	0.00
54 M	1,2-Dibromoethane	20.000	19.603	2.0	61	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.189	0.8	49	0.00
56 M	Bromoform	20.000	18.566	7.2	58	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	58	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.184	0.8	59	0.00
59 M	2-Hexanone	100.000	98.104	1.9	58	0.00
60 S	4-Bromofluorobenzene	30.000	29.786	0.7	58	0.00
61 M	Tetrachloroethene	20.000	19.697	1.5	60	0.00
62 M	Toluene	20.000	20.118	-0.6	61	0.00
63 S	Toluene-d8	30.000	30.752	-2.5	59	0.00
64 M	Chlorobenzene	20.000	19.736	1.3	60	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.177	-0.9	61	0.00
66 M	Ethyl Benzene	20.000	19.639	1.8	60	0.00
67 M	m/p-Xylenes	40.000	38.563	3.6	59	0.00
68 M	o-Xylene	20.000	20.058	-0.3	61	0.00
69 M	Styrene	20.000	19.187	4.1	59	0.00
70	Isopropylbenzene	20.000	19.260	3.7	59	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.449	-2.2	61	0.00
72	1,2,3-Trichloropropane	20.000	19.193	4.0	59	0.00
73	Bromobenzene	20.000	19.245	3.8	59	0.00
74	n-propylbenzene	20.000	18.944	5.3	59	0.00
75	2-Chlorotoluene	20.000	19.514	2.4	60	0.00
76	1,3,5-Trimethylbenzene	20.000	19.025	4.9	58	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.869	5.7	58	0.00
78	4-Chlorotoluene	20.000	18.983	5.1	60	0.00
79	tert-butylbenzene	20.000	19.039	4.8	59	0.00
80	1,2,4-Trimethylbenzene	20.000	18.911	5.4	58	0.00
81	sec-Butylbenzene	20.000	18.880	5.6	57	0.00
82	p-Isopropyltoluene	20.000	18.394	8.0	56	0.00
83 M	1,3-Dichlorobenzene	20.000	18.499	7.5	58	0.00
84 M	1,4-Dichlorobenzene	20.000	18.098	9.5	56	0.00
85	n-Butylbenzene	20.000	17.764	11.2	55	0.00
86 T	Hexachloroethane	20.000	19.231	3.8	59	0.00
87 M	1,2-Dichlorobenzene	20.000	18.791	6.0	57	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.808	11.0	53	0.00
89	1,2,4-Trichlorobenzene	20.000	16.646	16.8	48	0.00
90	Hexachlorobutadiene	20.000	14.656	26.7#	44	0.00
91 M	Naphthalene	20.000	16.677	16.6	49	0.00
92	1,2,3-Trichlorobenzene	20.000	16.646	16.8	48	0.00

(#) = Out of Range

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