

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042125\
 Data File : VN086360.D
 Acq On : 21 Apr 2025 16:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 22 01:51:13 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	20.697	-3.5	102	0.00
3 M	Chloromethane	20.000	19.060	4.7	97	0.00
4 M	Vinyl Chloride	20.000	19.666	1.7	98	0.00
5 M	Bromomethane	20.000	20.607	-3.0	105	0.00
6 M	Chloroethane	20.000	20.640	-3.2	105	0.00
7 M	Trichlorofluoromethane	20.000	21.524	-7.6	110	0.00
8 T	Diethyl Ether	20.000	19.402	3.0	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.803	-4.0	105	0.00
10 M	1,1-Dichloroethene	20.000	19.452	2.7	98	0.00
11	Methyl Iodide	20.000	19.015	4.9	96	0.00
12	Methyl Acetate	20.000	18.726	6.4	97	0.00
13 M	Acrolein	100.000	84.842	15.2	110	0.00
14 M	Acrylonitrile	100.000	82.116	17.9	83	0.00
15 M	Acetone	100.000	82.195	17.8	82	0.00
16 M	Carbon Disulfide	20.000	18.734	6.3	93	0.00
17	Allyl chloride	20.000	17.905	10.5	91	0.00
18 M	Methylene Chloride	20.000	19.291	3.5	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.748	1.3	102	0.00
20 T	Diisopropyl ether	20.000	19.983	0.1	100	0.00
21 M	1,1-Dichloroethane	20.000	20.357	-1.8	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.402	-2.0	103	0.00
23 M	tert-Butyl Alcohol	100.000	74.161	25.8#	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.211	-1.1	103	0.00
25 M	Chloroform	20.000	21.595	-8.0	109	0.00
26	Cyclohexane	20.000	18.855	5.7	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.918	-3.1	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	20.087	-0.4	104	0.00
30 M	2-Butanone	100.000	82.284	17.7	84	0.00
31	2,2-Dichloropropane	20.000	20.545	-2.7	106	0.00
32 M	1,1,1-Trichloroethane	20.000	20.939	-4.7	110	0.00
33 M	Carbon Tetrachloride	20.000	21.219	-6.1	110	0.00
34 M	Benzene	20.000	19.873	0.6	103	0.00
35	Methacrylonitrile	20.000	17.244	13.8	90	0.00
36 M	1,2-Dichloroethane	20.000	20.869	-4.3	108	0.00
37 M	Trichloroethene	20.000	20.068	-0.3	104	0.00
38	Methylcyclohexane	20.000	19.146	4.3	102	0.00
39 M	1,2-Dichloropropane	20.000	19.705	1.5	103	0.00
40	Dibromomethane	20.000	20.445	-2.2	107	0.00
41 M	Bromodichloromethane	20.000	20.439	-2.2	106	0.00
42 M	Vinyl Acetate	100.000	91.405	8.6	92	0.00
43	Ethyl Acetate	20.000	16.636	16.8	84	0.00
44	Isopropyl Acetate	20.000	17.815	10.9	94	0.00
45 T	1,4-Dioxane	400.000	319.495	20.1	82	0.00
46	Methyl methacrylate	20.000	17.846	10.8	92	0.00
47	n-amyl Acetate	20.000	18.683	6.6	99	0.00
48 M	t-1,3-Dichloropropene	20.000	19.897	0.5	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.837	0.8	103	0.00
50 M	1,1,2-Trichloroethane	20.000	20.093	-0.5	103	0.00
51	Ethyl methacrylate	20.000	18.755	6.2	98	0.00
52	1,3-Dichloropropane	20.000	20.135	-0.7	106	0.00
53 M	Dibromochloromethane	20.000	20.226	-1.1	105	0.00
54 M	1,2-Dibromoethane	20.000	20.209	-1.0	105	0.00
55 M	2-Chloroethyl vinyl ether	100.000	115.340	-15.3	96	0.00
56 M	Bromoform	20.000	19.532	2.3	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	100.000	86.802	13.2	88	0.00
59 M	2-Hexanone	100.000	84.100	15.9	86	0.00
60 S	4-Bromofluorobenzene	30.000	29.145	2.9	98	0.00
61 M	Tetrachloroethene	20.000	20.434	-2.2	107	0.00
62 M	Toluene	20.000	20.529	-2.6	106	0.00
63 S	Toluene-d8	30.000	29.396	2.0	97	0.00
64 M	Chlorobenzene	20.000	20.549	-2.7	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.890	-4.5	108	0.00
66 M	Ethyl Benzene	20.000	20.444	-2.2	107	0.00
67 M	m/p-Xylenes	40.000	40.632	-1.6	107	0.00
68 M	o-Xylene	20.000	20.342	-1.7	106	0.00
69 M	Styrene	20.000	20.229	-1.1	108	0.00
70	Isopropylbenzene	20.000	20.775	-3.9	109	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.462	-2.3	105	0.00
72	1,2,3-Trichloropropane	20.000	18.737	6.3	99	0.00
73	Bromobenzene	20.000	21.078	-5.4	110	0.00
74	n-propylbenzene	20.000	20.724	-3.6	110	0.00
75	2-Chlorotoluene	20.000	20.212	-1.1	107	0.00
76	1,3,5-Trimethylbenzene	20.000	20.599	-3.0	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.264	13.7	91	0.00
78	4-Chlorotoluene	20.000	19.882	0.6	107	0.00
79	tert-butylbenzene	20.000	20.248	-1.2	107	0.00
80	1,2,4-Trimethylbenzene	20.000	20.377	-1.9	107	0.00
81	sec-Butylbenzene	20.000	21.086	-5.4	110	0.00
82	p-Isopropyltoluene	20.000	20.612	-3.1	108	0.00
83 M	1,3-Dichlorobenzene	20.000	20.704	-3.5	111	0.00
84 M	1,4-Dichlorobenzene	20.000	20.325	-1.6	109	0.00
85	n-Butylbenzene	20.000	21.038	-5.2	111	0.00
86 T	Hexachloroethane	20.000	20.260	-1.3	107	0.00
87 M	1,2-Dichlorobenzene	20.000	20.507	-2.5	108	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.346	13.3	88	0.00
89	1,2,4-Trichlorobenzene	20.000	19.938	0.3	99	0.00
90	Hexachlorobutadiene	20.000	19.335	3.3	100	0.00
91 M	Naphthalene	20.000	17.675	11.6	90	0.00
92	1,2,3-Trichlorobenzene	20.000	19.938	0.3	99	0.00

(#) = Out of Range

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