

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042425\
 Data File : VN086397.D
 Acq On : 24 Apr 2025 16:35
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 25 01:41:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042325W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 24 04:42:24 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	116	0.00
2 M	Dichlorodifluoromethane	20.000	18.435	7.8	104	0.00
3 M	Chloromethane	20.000	17.460	12.7	102	0.00
4 M	Vinyl Chloride	20.000	17.915	10.4	104	0.00
5 M	Bromomethane	20.000	18.645	6.8	106	0.00
6 M	Chloroethane	20.000	18.792	6.0	109	0.00
7 M	Trichlorofluoromethane	20.000	18.277	8.6	103	0.00
8 T	Diethyl Ether	20.000	19.488	2.6	114	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.591	7.0	108	0.00
10 M	1,1-Dichloroethene	20.000	17.996	10.0	104	0.00
11	Methyl Iodide	20.000	18.879	5.6	110	0.00
12	Methyl Acetate	20.000	20.988	-4.9	120	0.00
13 M	Acrolein	100.000	103.369	-3.4	134	0.00
14 M	Acrylonitrile	100.000	100.540	-0.5	116	0.00
15 M	Acetone	100.000	94.634	5.4	120	0.00
16 M	Carbon Disulfide	20.000	17.439	12.8	99	0.00
17	Allyl chloride	20.000	17.882	10.6	107	0.00
18 M	Methylene Chloride	20.000	19.076	4.6	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.210	8.9	107	0.00
20 T	Diisopropyl ether	20.000	19.141	4.3	113	0.00
21 M	1,1-Dichloroethane	20.000	18.714	6.4	109	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.608	7.0	110	0.00
23 M	tert-Butyl Alcohol	100.000	107.616	-7.6	117	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.841	0.8	115	0.00
25 M	Chloroform	20.000	19.190	4.0	110	0.00
26	Cyclohexane	20.000	17.730	11.3	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.610	-2.0	115	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	113	0.00
29	1,1-Dichloropropene	20.000	18.050	9.7	107	0.00
30 M	2-Butanone	100.000	100.981	-1.0	119	0.00
31	2,2-Dichloropropane	20.000	17.955	10.2	105	0.00
32 M	1,1,1-Trichloroethane	20.000	18.566	7.2	109	0.00
33 M	Carbon Tetrachloride	20.000	18.471	7.6	107	0.00
34 M	Benzene	20.000	18.757	6.2	109	0.00
35	Methacrylonitrile	20.000	19.206	4.0	107	0.00
36 M	1,2-Dichloroethane	20.000	19.121	4.4	111	0.00
37 M	Trichloroethene	20.000	18.091	9.5	109	0.00
38	Methylcyclohexane	20.000	17.654	11.7	104	0.00
39 M	1,2-Dichloropropane	20.000	18.731	6.3	110	0.00
40	Dibromomethane	20.000	19.218	3.9	111	0.00
41 M	Bromodichloromethane	20.000	19.332	3.3	113	0.00
42 M	Vinyl Acetate	100.000	97.621	2.4	112	0.00
43	Ethyl Acetate	20.000	19.345	3.3	118	0.00
44	Isopropyl Acetate	20.000	19.862	0.7	117	0.00
45 T	1,4-Dioxane	400.000	358.521	10.4	100	0.00
46	Methyl methacrylate	20.000	19.724	1.4	116	0.00
47	n-amyl Acetate	20.000	19.010	4.9	113	0.00
48 M	t-1,3-Dichloropropene	20.000	18.996	5.0	113	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.973	5.1	112	0.00
50 M	1,1,2-Trichloroethane	20.000	19.756	1.2	114	0.00
51	Ethyl methacrylate	20.000	19.354	3.2	115	0.00
52	1,3-Dichloropropane	20.000	19.661	1.7	115	0.00
53 M	Dibromochloromethane	20.000	18.920	5.4	112	0.00
54 M	1,2-Dibromoethane	20.000	19.631	1.8	115	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.609	-4.6	122	0.00
56 M	Bromoform	20.000	19.426	2.9	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	114	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.231	-3.2	120	0.00
59 M	2-Hexanone	100.000	102.813	-2.8	119	0.00
60 S	4-Bromofluorobenzene	30.000	28.852	3.8	112	0.00
61 M	Tetrachloroethene	20.000	17.976	10.1	108	0.00
62 M	Toluene	20.000	18.780	6.1	110	0.00
63 S	Toluene-d8	30.000	29.739	0.9	112	0.00
64 M	Chlorobenzene	20.000	18.504	7.5	108	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.294	3.5	114	0.00
66 M	Ethyl Benzene	20.000	18.466	7.7	109	0.00
67 M	m/p-Xylenes	40.000	36.539	8.7	108	0.00
68 M	o-Xylene	20.000	18.650	6.8	111	0.00
69 M	Styrene	20.000	18.234	8.8	109	0.00
70	Isopropylbenzene	20.000	18.204	9.0	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.632	-3.2	115	0.00
72	1,2,3-Trichloropropane	20.000	19.909	0.5	117	0.00
73	Bromobenzene	20.000	18.789	6.1	111	0.00
74	n-propylbenzene	20.000	18.106	9.5	109	0.00
75	2-Chlorotoluene	20.000	18.143	9.3	108	0.00
76	1,3,5-Trimethylbenzene	20.000	18.221	8.9	109	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.789	6.1	115	0.00
78	4-Chlorotoluene	20.000	18.059	9.7	111	0.00
79	tert-butylbenzene	20.000	17.907	10.5	107	0.00
80	1,2,4-Trimethylbenzene	20.000	17.923	10.4	108	0.00
81	sec-Butylbenzene	20.000	18.007	10.0	110	0.00
82	p-Isopropyltoluene	20.000	17.834	10.8	111	0.00
83 M	1,3-Dichlorobenzene	20.000	17.822	10.9	111	0.00
84 M	1,4-Dichlorobenzene	20.000	18.152	9.2	113	0.00
85	n-Butylbenzene	20.000	17.548	12.3	111	0.00
86 T	Hexachloroethane	20.000	17.761	11.2	110	0.00
87 M	1,2-Dichlorobenzene	20.000	18.227	8.9	112	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.895	0.5	125	0.00
89	1,2,4-Trichlorobenzene	20.000	19.249	3.8	124	0.00
90	Hexachlorobutadiene	20.000	18.525	7.4	118	0.00
91 M	Naphthalene	20.000	19.351	3.2	125	0.00
92	1,2,3-Trichlorobenzene	20.000	19.249	3.8	124	0.00

(#) = Out of Range

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