

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042425\
 Data File : VN086392.D
 Acq On : 24 Apr 2025 11:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 25 01:37:35 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	19.638	1.8	87	0.00
3 M	Chloromethane	20.000	18.923	5.4	87	0.00
4 M	Vinyl Chloride	20.000	19.692	1.5	90	0.00
5 M	Bromomethane	20.000	19.743	1.3	88	0.00
6 M	Chloroethane	20.000	19.786	1.1	90	0.00
7 M	Trichlorofluoromethane	20.000	19.634	1.8	87	0.00
8 T	Diethyl Ether	20.000	19.288	3.6	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.226	-1.1	92	0.00
10 M	1,1-Dichloroethene	20.000	19.662	1.7	89	0.00
11	Methyl Iodide	20.000	19.064	4.7	88	0.00
12	Methyl Acetate	20.000	21.079	-5.4	95	0.00
13 M	Acrolein	100.000	106.492	-6.5	108	0.00
14 M	Acrylonitrile	100.000	102.814	-2.8	93	0.00
15 M	Acetone	100.000	93.911	6.1	93	0.00
16 M	Carbon Disulfide	20.000	19.085	4.6	85	0.00
17	Allyl chloride	20.000	18.640	6.8	87	0.00
18 M	Methylene Chloride	20.000	20.218	-1.1	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.500	2.5	90	0.00
20 T	Diisopropyl ether	20.000	19.783	1.1	92	0.00
21 M	1,1-Dichloroethane	20.000	19.974	0.1	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.115	-0.6	93	0.00
23 M	tert-Butyl Alcohol	100.000	106.385	-6.4	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.328	-1.6	93	0.00
25 M	Chloroform	20.000	20.141	-0.7	90	0.00
26	Cyclohexane	20.000	19.215	3.9	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.775	-2.6	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	19.405	3.0	92	0.00
30 M	2-Butanone	100.000	97.656	2.3	92	0.00
31	2,2-Dichloropropane	20.000	18.711	6.4	88	0.00
32 M	1,1,1-Trichloroethane	20.000	19.829	0.9	93	0.00
33 M	Carbon Tetrachloride	20.000	19.152	4.2	89	0.00
34 M	Benzene	20.000	19.697	1.5	92	0.00
35	Methacrylonitrile	20.000	19.052	4.7	85	0.00
36 M	1,2-Dichloroethane	20.000	19.544	2.3	91	0.00
37 M	Trichloroethene	20.000	19.233	3.8	93	0.00
38	Methylcyclohexane	20.000	19.154	4.2	90	0.00
39 M	1,2-Dichloropropane	20.000	19.440	2.8	91	0.00
40	Dibromomethane	20.000	19.477	2.6	90	0.00
41 M	Bromodichloromethane	20.000	19.736	1.3	92	0.00
42 M	Vinyl Acetate	100.000	96.351	3.6	89	0.00
43	Ethyl Acetate	20.000	19.156	4.2	93	0.00
44	Isopropyl Acetate	20.000	19.902	0.5	94	0.00
45 T	1,4-Dioxane	400.000	423.319	-5.8	95	0.00
46	Methyl methacrylate	20.000	19.303	3.5	91	0.00
47	n-amyl Acetate	20.000	18.090	9.6	86	0.00
48 M	t-1,3-Dichloropropene	20.000	18.846	5.8	90	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042425\
 Data File : VN086392.D
 Acq On : 24 Apr 2025 11:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 25 01:37:35 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)
49 T	cis-1,3-Dichloropropene	20.000	19.223	3.9	91	0.00
50 M	1,1,2-Trichloroethane	20.000	19.936	0.3	92	0.00
51	Ethyl methacrylate	20.000	19.089	4.6	91	0.00
52	1,3-Dichloropropane	20.000	19.766	1.2	92	0.00
53 M	Dibromochloromethane	20.000	19.739	1.3	93	0.00
54 M	1,2-Dibromoethane	20.000	19.342	3.3	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.834	13.2	81	0.00
56 M	Bromoform	20.000	19.161	4.2	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.744	-0.7	92	0.00
59 M	2-Hexanone	100.000	99.415	0.6	91	0.00
60 S	4-Bromofluorobenzene	30.000	29.111	3.0	89	0.00
61 M	Tetrachloroethene	20.000	19.274	3.6	92	0.00
62 M	Toluene	20.000	19.748	1.3	91	0.00
63 S	Toluene-d8	30.000	29.958	0.1	89	0.00
64 M	Chlorobenzene	20.000	19.930	0.4	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.427	-2.1	95	0.00
66 M	Ethyl Benzene	20.000	19.595	2.0	91	0.00
67 M	m/p-Xylenes	40.000	38.980	2.6	91	0.00
68 M	o-Xylene	20.000	19.319	3.4	91	0.00
69 M	Styrene	20.000	19.259	3.7	91	0.00
70	Isopropylbenzene	20.000	19.652	1.7	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.865	-4.3	91	0.00
72	1,2,3-Trichloropropane	20.000	20.186	-0.9	94	0.00
73	Bromobenzene	20.000	19.822	0.9	92	0.00
74	n-propylbenzene	20.000	19.354	3.2	92	0.00
75	2-Chlorotoluene	20.000	19.388	3.1	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.761	1.2	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.448	7.8	89	0.00
78	4-Chlorotoluene	20.000	19.084	4.6	92	0.00
79	tert-butylbenzene	20.000	19.393	3.0	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.143	4.3	91	0.00
81	sec-Butylbenzene	20.000	19.216	3.9	92	0.00
82	p-Isopropyltoluene	20.000	18.758	6.2	92	0.00
83 M	1,3-Dichlorobenzene	20.000	18.999	5.0	93	0.00
84 M	1,4-Dichlorobenzene	20.000	19.082	4.6	93	0.00
85	n-Butylbenzene	20.000	18.268	8.7	91	0.00
86 T	Hexachloroethane	20.000	18.824	5.9	92	0.00
87 M	1,2-Dichlorobenzene	20.000	19.792	1.0	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.802	6.0	93	0.00
89	1,2,4-Trichlorobenzene	20.000	18.897	5.5	96	0.00
90	Hexachlorobutadiene	20.000	18.273	8.6	92	0.00
91 M	Naphthalene	20.000	18.447	7.8	94	0.00
92	1,2,3-Trichlorobenzene	20.000	18.897	5.5	96	0.00

(#) = Out of Range

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