

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086390.D
 Acq On : 23 Apr 2025 18:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 24 05:02:41 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	18.789	6.1	91	0.00
3 M	Chloromethane	20.000	18.297	8.5	92	0.00
4 M	Vinyl Chloride	20.000	18.636	6.8	93	0.00
5 M	Bromomethane	20.000	19.842	0.8	97	0.00
6 M	Chloroethane	20.000	19.148	4.3	95	0.00
7 M	Trichlorofluoromethane	20.000	18.548	7.3	90	0.00
8 T	Diethyl Ether	20.000	18.386	8.1	93	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.078	4.6	95	0.00
10 M	1,1-Dichloroethene	20.000	18.524	7.4	92	0.00
11	Methyl Iodide	20.000	19.363	3.2	97	0.00
12	Methyl Acetate	20.000	21.028	-5.1	103	0.00
13 M	Acrolein	100.000	90.484	9.5	105	0.01
14 M	Acrylonitrile	100.000	100.821	-0.8	100	0.00
15 M	Acetone	100.000	94.445	5.6	102	0.00
16 M	Carbon Disulfide	20.000	18.155	9.2	89	0.00
17	Allyl chloride	20.000	18.097	9.5	92	0.00
18 M	Methylene Chloride	20.000	18.839	5.8	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.465	7.7	93	0.00
20 T	Diisopropyl ether	20.000	18.376	8.1	93	0.00
21 M	1,1-Dichloroethane	20.000	18.697	6.5	93	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.811	5.9	95	0.00
23 M	tert-Butyl Alcohol	100.000	113.674	-13.7	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.145	4.3	95	0.00
25 M	Chloroform	20.000	18.785	6.1	92	0.00
26	Cyclohexane	20.000	17.829	10.9	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.063	3.1	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	18.645	6.8	93	0.00
30 M	2-Butanone	100.000	99.118	0.9	98	0.00
31	2,2-Dichloropropane	20.000	17.382	13.1	85	0.00
32 M	1,1,1-Trichloroethane	20.000	19.340	3.3	95	0.00
33 M	Carbon Tetrachloride	20.000	18.749	6.3	91	0.00
34 M	Benzene	20.000	18.946	5.3	93	0.00
35	Methacrylonitrile	20.000	20.014	-0.1	93	0.00
36 M	1,2-Dichloroethane	20.000	19.252	3.7	94	0.00
37 M	Trichloroethene	20.000	18.408	8.0	93	0.00
38	Methylcyclohexane	20.000	18.222	8.9	90	0.00
39 M	1,2-Dichloropropane	20.000	18.754	6.2	92	0.00
40	Dibromomethane	20.000	19.432	2.8	94	0.00
41 M	Bromodichloromethane	20.000	19.298	3.5	95	0.00
42 M	Vinyl Acetate	100.000	96.214	3.8	93	0.00
43	Ethyl Acetate	20.000	20.028	-0.1	102	0.00
44	Isopropyl Acetate	20.000	19.765	1.2	97	0.00
45 T	1,4-Dioxane	400.000	452.726	-13.2	106	0.00
46	Methyl methacrylate	20.000	19.631	1.8	96	0.00
47	n-amyl Acetate	20.000	18.399	8.0	92	0.00
48 M	t-1,3-Dichloropropene	20.000	18.326	8.4	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042325\
 Data File : VN086390.D
 Acq On : 23 Apr 2025 18:25
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 24 05:02:41 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	18.706	6.5	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.133	4.3	92	0.00
51	Ethyl methacrylate	20.000	19.046	4.8	95	0.00
52	1,3-Dichloropropane	20.000	19.507	2.5	95	0.00
53 M	Dibromochloromethane	20.000	19.079	4.6	94	0.00
54 M	1,2-Dibromoethane	20.000	19.426	2.9	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.726	2.3	96	0.00
56 M	Bromoform	20.000	19.329	3.4	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.062	-0.1	98	0.00
59 M	2-Hexanone	100.000	102.699	-2.7	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.356	2.1	96	0.00
61 M	Tetrachloroethene	20.000	18.179	9.1	92	0.00
62 M	Toluene	20.000	19.116	4.4	94	0.00
63 S	Toluene-d8	30.000	29.813	0.6	94	0.00
64 M	Chlorobenzene	20.000	19.122	4.4	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.305	3.5	96	0.00
66 M	Ethyl Benzene	20.000	18.902	5.5	93	0.00
67 M	m/p-Xylenes	40.000	37.625	5.9	94	0.00
68 M	o-Xylene	20.000	19.353	3.2	97	0.00
69 M	Styrene	20.000	18.964	5.2	96	0.00
70	Isopropylbenzene	20.000	19.029	4.9	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.943	-4.7	98	0.00
72	1,2,3-Trichloropropane	20.000	20.273	-1.4	100	0.00
73	Bromobenzene	20.000	19.058	4.7	94	0.00
74	n-propylbenzene	20.000	18.560	7.2	94	0.00
75	2-Chlorotoluene	20.000	18.973	5.1	94	0.00
76	1,3,5-Trimethylbenzene	20.000	18.880	5.6	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.467	7.7	95	0.00
78	4-Chlorotoluene	20.000	18.537	7.3	95	0.00
79	tert-butylbenzene	20.000	18.892	5.5	95	0.00
80	1,2,4-Trimethylbenzene	20.000	18.521	7.4	93	0.00
81	sec-Butylbenzene	20.000	18.552	7.2	95	0.00
82	p-Isopropyltoluene	20.000	17.919	10.4	94	0.00
83 M	1,3-Dichlorobenzene	20.000	18.631	6.8	97	0.00
84 M	1,4-Dichlorobenzene	20.000	18.699	6.5	97	0.00
85	n-Butylbenzene	20.000	17.268	13.7	92	0.00
86 T	Hexachloroethane	20.000	18.299	8.5	96	0.00
87 M	1,2-Dichlorobenzene	20.000	18.953	5.2	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.343	3.3	102	0.00
89	1,2,4-Trichlorobenzene	20.000	18.007	10.0	98	0.00
90	Hexachlorobutadiene	20.000	17.056	14.7	91	0.00
91 M	Naphthalene	20.000	18.086	9.6	98	0.00
92	1,2,3-Trichlorobenzene	20.000	18.007	10.0	98	0.00

(#) = Out of Range

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