

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040425\
 Data File : VN086230.D
 Acq On : 04 Apr 2025 13:47
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN040425

Quant Time: Apr 05 00:50:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N040425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 05 00:04:36 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	19.135	4.3	84	0.00
3 M	Chloromethane	20.000	18.059	9.7	83	0.00
4 M	Vinyl Chloride	20.000	18.714	6.4	85	0.00
5 M	Bromomethane	20.000	17.868	10.7	78	0.00
6 M	Chloroethane	20.000	19.106	4.5	85	0.00
7 M	Trichlorofluoromethane	20.000	19.888	0.6	90	0.00
8 T	Diethyl Ether	20.000	19.063	4.7	88	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.841	0.8	90	0.00
10 M	1,1-Dichloroethene	20.000	19.450	2.8	87	0.00
11	Methyl Iodide	20.000	19.328	3.4	89	0.00
12	Methyl Acetate	20.000	19.137	4.3	86	0.00
13 M	Acrolein	100.000	117.896	-17.9	100	0.00
14 M	Acrylonitrile	100.000	97.653	2.3	90	0.00
15 M	Acetone	100.000	94.168	5.8	85	0.00
16 M	Carbon Disulfide	20.000	19.097	4.5	88	0.00
17	Allyl chloride	20.000	18.617	6.9	86	0.00
18 M	Methylene Chloride	20.000	19.403	3.0	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.665	6.7	86	0.00
20 T	Diisopropyl ether	20.000	18.997	5.0	87	0.00
21 M	1,1-Dichloroethane	20.000	19.268	3.7	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.863	5.7	84	0.00
23 M	tert-Butyl Alcohol	100.000	97.182	2.8	83	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.097	4.5	85	0.00
25 M	Chloroform	20.000	19.469	2.7	89	0.00
26	Cyclohexane	20.000	19.636	1.8	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.513	-1.7	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.254	3.7	88	0.00
30 M	2-Butanone	100.000	92.387	7.6	86	0.00
31	2,2-Dichloropropane	20.000	19.445	2.8	89	0.00
32 M	1,1,1-Trichloroethane	20.000	19.209	4.0	88	0.00
33 M	Carbon Tetrachloride	20.000	19.358	3.2	90	0.00
34 M	Benzene	20.000	19.251	3.7	89	0.00
35	Methacrylonitrile	20.000	18.438	7.8	88	0.00
36 M	1,2-Dichloroethane	20.000	19.285	3.6	90	0.00
37 M	Trichloroethene	20.000	18.859	5.7	89	0.00
38	Methylcyclohexane	20.000	18.728	6.4	91	0.00
39 M	1,2-Dichloropropane	20.000	18.751	6.2	88	0.00
40	Dibromomethane	20.000	19.036	4.8	87	0.00
41 M	Bromodichloromethane	20.000	19.137	4.3	90	0.00
42 M	Vinyl Acetate	100.000	92.291	7.7	84	0.00
43	Ethyl Acetate	20.000	17.665	11.7	80	0.00
44	Isopropyl Acetate	20.000	19.126	4.4	91	0.00
45 T	1,4-Dioxane	400.000	372.714	6.8	84	0.00
46	Methyl methacrylate	20.000	18.649	6.8	86	0.00
47	n-amyl Acetate	20.000	17.778	11.1	86	0.00
48 M	t-1,3-Dichloropropene	20.000	18.923	5.4	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.039	4.8	88	0.00
50 M	1,1,2-Trichloroethane	20.000	19.459	2.7	92	0.00
51	Ethyl methacrylate	20.000	18.144	9.3	84	0.00
52	1,3-Dichloropropane	20.000	19.103	4.5	90	0.00
53 M	Dibromochloromethane	20.000	18.719	6.4	89	0.00
54 M	1,2-Dibromoethane	20.000	18.928	5.4	88	0.00
55 M	2-Chloroethyl vinyl ether	100.000	153.678	-53.7#	87	0.00
56 M	Bromoform	20.000	18.561	7.2	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.551	5.4	88	0.00
59 M	2-Hexanone	100.000	93.223	6.8	87	0.00
60 S	4-Bromofluorobenzene	30.000	30.273	-0.9	103	0.00
61 M	Tetrachloroethene	20.000	19.497	2.5	93	0.00
62 M	Toluene	20.000	19.311	3.4	90	0.00
63 S	Toluene-d8	30.000	30.163	-0.5	102	0.00
64 M	Chlorobenzene	20.000	19.387	3.1	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.924	5.4	90	0.00
66 M	Ethyl Benzene	20.000	19.083	4.6	89	0.00
67 M	m/p-Xylenes	40.000	38.714	3.2	90	0.00
68 M	o-Xylene	20.000	19.331	3.3	89	0.00
69 M	Styrene	20.000	18.926	5.4	89	0.00
70	Isopropylbenzene	20.000	19.049	4.8	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.083	4.6	87	0.00
72	1,2,3-Trichloropropane	20.000	20.995	-5.0	98	0.00
73	Bromobenzene	20.000	18.803	6.0	90	0.00
74	n-propylbenzene	20.000	18.968	5.2	91	0.00
75	2-Chlorotoluene	20.000	19.039	4.8	90	0.00
76	1,3,5-Trimethylbenzene	20.000	19.084	4.6	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.131	9.3	88	0.00
78	4-Chlorotoluene	20.000	18.969	5.2	90	0.00
79	tert-butylbenzene	20.000	18.733	6.3	90	0.00
80	1,2,4-Trimethylbenzene	20.000	18.645	6.8	87	0.00
81	sec-Butylbenzene	20.000	18.241	8.8	88	0.00
82	p-Isopropyltoluene	20.000	18.431	7.8	90	0.00
83 M	1,3-Dichlorobenzene	20.000	18.965	5.2	91	0.00
84 M	1,4-Dichlorobenzene	20.000	18.632	6.8	90	0.00
85	n-Butylbenzene	20.000	17.616	11.9	89	0.00
86 T	Hexachloroethane	20.000	18.121	9.4	89	0.00
87 M	1,2-Dichlorobenzene	20.000	18.816	5.9	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.118	9.4	89	0.00
89	1,2,4-Trichlorobenzene	20.000	17.199	14.0	88	0.00
90	Hexachlorobutadiene	20.000	16.597	17.0	88	0.00
91 M	Naphthalene	20.000	16.866	15.7	84	0.00
92	1,2,3-Trichlorobenzene	20.000	17.199	14.0	88	0.00

(#) = Out of Range

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