

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081900.D
 Acq On : 27 Apr 2024 03:09
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN042624

Quant Time: May 14 11:31:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	19.137	4.3	99	0.00
3 M	Chloromethane	20.000	19.085	4.6	101	0.00
4 M	Vinyl Chloride	20.000	18.871	5.6	101	0.00
5 M	Bromomethane	20.000	17.583	12.1	90	0.05
6 M	Chloroethane	20.000	18.386	8.1	93	0.04
7 M	Trichlorofluoromethane	20.000	18.980	5.1	97	0.02
8 T	Diethyl Ether	20.000	18.820	5.9	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.191	4.0	97	0.00
10 M	1,1-Dichloroethene	20.000	19.195	4.0	101	0.01
11	Methyl Iodide	20.000	16.992	15.0	100	0.01
12	Methyl Acetate	20.000	18.766	6.2	101	0.00
13 M	Acrolein	100.000	88.346	11.7	96	0.01
14 M	Acrylonitrile	100.000	94.543	5.5	97	0.00
15 M	Acetone	100.000	93.746	6.3	95	0.00
16 M	Carbon Disulfide	20.000	18.093	9.5	97	0.00
17	Allyl chloride	20.000	18.484	7.6	92	0.01
18 M	Methylene Chloride	20.000	18.694	6.5	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.806	6.0	103	0.02
20 T	Diisopropyl ether	20.000	18.974	5.1	99	0.00
21 M	1,1-Dichloroethane	20.000	19.285	3.6	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.130	4.4	102	0.00
23 M	tert-Butyl Alcohol	100.000	98.967	1.0	97	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.392	3.0	98	0.00
25 M	Chloroform	20.000	19.101	4.5	98	0.00
26	Cyclohexane	20.000	18.980	5.1	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.394	2.0	102	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	18.818	5.9	98	0.00
30 M	2-Butanone	100.000	98.224	1.8	99	0.00
31	2,2-Dichloropropane	20.000	18.698	6.5	99	0.00
32 M	1,1,1-Trichloroethane	20.000	19.432	2.8	100	0.00
33 M	Carbon Tetrachloride	20.000	19.245	3.8	98	0.00
34 M	Benzene	20.000	19.472	2.6	99	0.00
35	Methacrylonitrile	20.000	18.532	7.3	97	0.00
36 M	1,2-Dichloroethane	20.000	18.978	5.1	99	0.00
37 M	Trichloroethene	20.000	18.701	6.5	97	0.00
38	Methylcyclohexane	20.000	19.156	4.2	99	0.00
39 M	1,2-Dichloropropane	20.000	19.512	2.4	104	0.00
40	Dibromomethane	20.000	20.031	-0.2	106	0.00
41 M	Bromodichloromethane	20.000	19.000	5.0	100	0.00
42 M	Vinyl Acetate	100.000	93.619	6.4	98	0.00
43	Ethyl Acetate	20.000	16.994	15.0	90	0.00
44	Isopropyl Acetate	20.000	18.918	5.4	97	0.00
45 T	1,4-Dioxane	400.000	394.637	1.3	101	0.00
46	Methyl methacrylate	20.000	19.630	1.9	102	0.00
47	n-amyl Acetate	20.000	18.975	5.1	100	0.00
48 M	t-1,3-Dichloropropene	20.000	18.491	7.5	98	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042624\
 Data File : VN081900.D
 Acq On : 27 Apr 2024 03:09
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042624

Quant Time: May 14 11:31:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 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	19.058	4.7	99	0.00
50 M	1,1,2-Trichloroethane	20.000	19.882	0.6	102	0.00
51	Ethyl methacrylate	20.000	18.988	5.1	99	0.00
52	1,3-Dichloropropane	20.000	18.791	6.0	98	0.00
53 M	Dibromochloromethane	20.000	19.102	4.5	103	0.00
54 M	1,2-Dibromoethane	20.000	19.148	4.3	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.570	5.4	97	0.00
56 M	Bromoform	20.000	18.258	8.7	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.165	2.8	98	0.00
59 M	2-Hexanone	100.000	97.839	2.2	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.225	2.6	103	0.00
61 M	Tetrachloroethene	20.000	19.629	1.9	97	0.00
62 M	Toluene	20.000	19.480	2.6	100	0.00
63 S	Toluene-d8	30.000	30.545	-1.8	104	0.00
64 M	Chlorobenzene	20.000	19.478	2.6	99	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.419	2.9	98	0.00
66 M	Ethyl Benzene	20.000	19.773	1.1	98	0.00
67 M	m/p-Xylenes	40.000	39.147	2.1	99	0.00
68 M	o-Xylene	20.000	19.092	4.5	95	0.00
69 M	Styrene	20.000	19.627	1.9	101	0.00
70	Isopropylbenzene	20.000	19.334	3.3	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.871	5.6	93	0.00
72	1,2,3-Trichloropropane	20.000	18.869	5.7	100	0.00
73	Bromobenzene	20.000	18.789	6.1	98	0.00
74	n-propylbenzene	20.000	19.407	3.0	98	0.00
75	2-Chlorotoluene	20.000	19.356	3.2	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.536	2.3	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.143	9.3	95	0.00
78	4-Chlorotoluene	20.000	19.690	1.5	102	0.00
79	tert-butylbenzene	20.000	19.582	2.1	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.469	2.7	100	0.00
81	sec-Butylbenzene	20.000	19.212	3.9	98	0.00
82	p-Isopropyltoluene	20.000	19.505	2.5	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.233	3.8	96	0.00
84 M	1,4-Dichlorobenzene	20.000	18.895	5.5	96	0.00
85	n-Butylbenzene	20.000	18.470	7.7	96	0.00
86 T	Hexachloroethane	20.000	18.536	7.3	94	0.00
87 M	1,2-Dichlorobenzene	20.000	18.904	5.5	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.236	13.8	84	0.00
89	1,2,4-Trichlorobenzene	20.000	18.622	6.9	97	0.00
90	Hexachlorobutadiene	20.000	17.690	11.5	96	0.00
91 M	Naphthalene	20.000	18.141	9.3	92	0.00
92	1,2,3-Trichlorobenzene	20.000	18.622	6.9	97	0.00

(#) = Out of Range

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