

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083530.D
 Acq On : 28 Aug 2024 12:34
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN082824

Quant Time: Aug 28 15:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	20.332	-1.7	105	0.00
3 M	Chloromethane	20.000	19.294	3.5	101	0.00
4 M	Vinyl Chloride	20.000	19.237	3.8	99	0.00
5 M	Bromomethane	20.000	20.817	-4.1	110	-0.02
6 M	Chloroethane	20.000	19.355	3.2	97	-0.02
7 M	Trichlorofluoromethane	20.000	19.854	0.7	102	-0.01
8 T	Diethyl Ether	20.000	19.739	1.3	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.359	3.2	101	0.00
10 M	1,1-Dichloroethene	20.000	19.450	2.8	101	0.00
11	Methyl Iodide	20.000	19.597	2.0	100	0.00
12	Methyl Acetate	20.000	20.405	-2.0	101	-0.01
13 M	Acrolein	100.000	86.341	13.7	89	0.00
14 M	Acrylonitrile	100.000	98.872	1.1	102	0.00
15 M	Acetone	100.000	92.674	7.3	102	0.00
16 M	Carbon Disulfide	20.000	18.536	7.3	97	0.00
17	Allyl chloride	20.000	18.238	8.8	97	0.00
18 M	Methylene Chloride	20.000	20.187	-0.9	106	-0.01
19 M	trans-1,2-Dichloroethene	20.000	18.987	5.1	98	0.00
20 T	Diisopropyl ether	20.000	19.655	1.7	103	0.00
21 M	1,1-Dichloroethane	20.000	19.427	2.9	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.961	0.2	103	0.00
23 M	tert-Butyl Alcohol	100.000	103.622	-3.6	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.058	-0.3	103	0.00
25 M	Chloroform	20.000	19.816	0.9	102	0.00
26	Cyclohexane	20.000	19.178	4.1	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.970	-3.2	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	18.617	6.9	98	0.00
30 M	2-Butanone	100.000	97.629	2.4	104	0.00
31	2,2-Dichloropropane	20.000	19.476	2.6	102	0.00
32 M	1,1,1-Trichloroethane	20.000	19.927	0.4	103	0.00
33 M	Carbon Tetrachloride	20.000	19.618	1.9	104	0.00
34 M	Benzene	20.000	19.641	1.8	103	0.00
35	Methacrylonitrile	20.000	20.158	-0.8	106	0.00
36 M	1,2-Dichloroethane	20.000	19.753	1.2	102	0.00
37 M	Trichloroethene	20.000	19.316	3.4	102	0.00
38	Methylcyclohexane	20.000	19.236	3.8	101	0.00
39 M	1,2-Dichloropropane	20.000	19.351	3.2	99	0.00
40	Dibromomethane	20.000	19.615	1.9	101	0.00
41 M	Bromodichloromethane	20.000	19.444	2.8	100	0.00
42 M	Vinyl Acetate	100.000	97.547	2.5	102	0.00
43	Ethyl Acetate	20.000	19.618	1.9	114	0.00
44	Isopropyl Acetate	20.000	23.251	-16.3	116	0.00
45 T	1,4-Dioxane	400.000	417.556	-4.4	106	0.00
46	Methyl methacrylate	20.000	20.066	-0.3	105	0.00
47	n-amyl Acetate	20.000	19.134	4.3	104	0.00
48 M	t-1,3-Dichloropropene	20.000	18.826	5.9	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082824\
 Data File : VN083530.D
 Acq On : 28 Aug 2024 12:34
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN082824

Quant Time: Aug 28 15:34:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N082824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 28 12:23:16 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	19.052	4.7	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.624	1.9	102	0.00
51	Ethyl methacrylate	20.000	19.560	2.2	103	0.00
52	1,3-Dichloropropane	20.000	19.625	1.9	101	0.00
53 M	Dibromochloromethane	20.000	19.400	3.0	101	0.00
54 M	1,2-Dibromoethane	20.000	19.511	2.4	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.753	9.2	87	0.00
56 M	Bromoform	20.000	19.148	4.3	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.055	-4.1	105	0.00
59 M	2-Hexanone	100.000	101.161	-1.2	105	0.00
60 S	4-Bromofluorobenzene	30.000	30.404	-1.3	98	0.00
61 M	Tetrachloroethene	20.000	19.528	2.4	102	0.00
62 M	Toluene	20.000	19.414	2.9	101	0.00
63 S	Toluene-d8	30.000	30.203	-0.7	96	0.00
64 M	Chlorobenzene	20.000	19.575	2.1	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.341	3.3	100	0.00
66 M	Ethyl Benzene	20.000	19.110	4.5	101	0.00
67 M	m/p-Xylenes	40.000	38.621	3.4	101	0.00
68 M	o-Xylene	20.000	19.628	1.9	102	0.00
69 M	Styrene	20.000	18.953	5.2	99	0.00
70	Isopropylbenzene	20.000	19.326	3.4	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.225	-1.1	104	0.00
72	1,2,3-Trichloropropane	20.000	20.688	-3.4	104	0.00
73	Bromobenzene	20.000	19.585	2.1	101	0.00
74	n-propylbenzene	20.000	18.994	5.0	101	0.00
75	2-Chlorotoluene	20.000	19.154	4.2	100	0.00
76	1,3,5-Trimethylbenzene	20.000	19.742	1.3	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.968	5.2	102	0.00
78	4-Chlorotoluene	20.000	19.100	4.5	100	0.00
79	tert-butylbenzene	20.000	19.574	2.1	101	0.00
80	1,2,4-Trimethylbenzene	20.000	19.560	2.2	103	0.00
81	sec-Butylbenzene	20.000	19.134	4.3	102	0.00
82	p-Isopropyltoluene	20.000	18.887	5.6	101	0.00
83 M	1,3-Dichlorobenzene	20.000	18.544	7.3	96	0.00
84 M	1,4-Dichlorobenzene	20.000	17.880	10.6	94	0.00
85	n-Butylbenzene	20.000	18.372	8.1	100	0.00
86 T	Hexachloroethane	20.000	19.178	4.1	100	0.00
87 M	1,2-Dichlorobenzene	20.000	18.544	7.3	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.610	-3.0	102	0.00
89	1,2,4-Trichlorobenzene	20.000	17.621	11.9	94	0.00
90	Hexachlorobutadiene	20.000	18.162	9.2	97	0.00
91 M	Naphthalene	20.000	17.593	12.0	91	0.00
92	1,2,3-Trichlorobenzene	20.000	17.621	11.9	94	0.00

(#) = Out of Range

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