

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079109.D
 Acq On : 30 Aug 2023 11:27
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 31 02:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 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	83	0.00
2 M	Dichlorodifluoromethane	20.000	19.137	4.3	79	0.00
3 M	Chloromethane	20.000	19.484	2.6	80	0.00
4 M	Vinyl Chloride	20.000	19.941	0.3	82	0.00
5 M	Bromomethane	20.000	20.559	-2.8	87	0.00
6 M	Chloroethane	20.000	23.425	-17.1	99	0.00
7 M	Trichlorofluoromethane	20.000	19.622	1.9	84	0.00
8 T	Diethyl Ether	20.000	17.069	14.7	70	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.938	0.3	82	0.00
10 M	1,1-Dichloroethene	20.000	17.797	11.0	71	0.01
11	Methyl Iodide	20.000	19.399	3.0	80	0.00
12	Methyl Acetate	20.000	19.837	0.8	81	0.00
13 M	Acrolein	100.000	89.826	10.2	78	0.00
14 M	Acrylonitrile	100.000	100.297	-0.3	80	-0.01
15 M	Acetone	100.000	85.797	14.2	72	0.00
16 M	Carbon Disulfide	20.000	16.878	15.6	68	0.00
17	Allyl chloride	20.000	16.698	16.5	69	0.00
18 M	Methylene Chloride	20.000	20.598	-3.0	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.255	8.7	77	0.00
20 T	Diisopropyl ether	20.000	19.401	3.0	78	0.00
21 M	1,1-Dichloroethane	20.000	19.496	2.5	79	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.587	7.1	73	0.00
23 M	tert-Butyl Alcohol	100.000	90.287	9.7	71	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.167	9.2	72	0.00
25 M	Chloroform	20.000	19.984	0.1	83	0.00
26	Cyclohexane	20.000	18.274	8.6	74	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.069	3.1	80	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	75	0.00
29	1,1-Dichloropropene	20.000	20.657	-3.3	74	0.00
30 M	2-Butanone	100.000	101.565	-1.6	76	0.00
31	2,2-Dichloropropane	20.000	19.742	1.3	72	0.00
32 M	1,1,1-Trichloroethane	20.000	21.455	-7.3	79	0.00
33 M	Carbon Tetrachloride	20.000	21.258	-6.3	77	0.00
34 M	Benzene	20.000	21.676	-8.4	79	0.00
35	Methacrylonitrile	20.000	19.430	2.9	70	0.00
36 M	1,2-Dichloroethane	20.000	22.239	-11.2	83	0.00
37 M	Trichloroethene	20.000	20.286	-1.4	76	0.00
38	Methylcyclohexane	20.000	20.098	-0.5	73	0.00
39 M	1,2-Dichloropropane	20.000	21.162	-5.8	80	0.00
40	Dibromomethane	20.000	22.411	-12.1	82	0.00
41 M	Bromodichloromethane	20.000	22.568	-12.8	83	0.00
42 M	Vinyl Acetate	100.000	99.385	0.6	71	0.00
43	Ethyl Acetate	20.000	2.392	88.0#	9	0.26
44	Isopropyl Acetate	20.000	20.350	-1.8	74	0.00
45 T	1,4-Dioxane	400.000	463.720	-15.9	85	0.00
46	Methyl methacrylate	20.000	20.839	-4.2	75	0.00
47	n-amyl Acetate	20.000	19.432	2.8	69	0.00
48 M	t-1,3-Dichloropropene	20.000	20.565	-2.8	75	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083023\
 Data File : VN079109.D
 Acq On : 30 Aug 2023 11:27
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 31 02:14:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 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	21.390	-7.0	78	0.00
50 M	1,1,2-Trichloroethane	20.000	22.394	-12.0	80	0.00
51	Ethyl methacrylate	20.000	20.061	-0.3	72	0.00
52	1,3-Dichloropropane	20.000	22.160	-10.8	81	0.00
53 M	Dibromochloromethane	20.000	21.615	-8.1	81	0.00
54 M	1,2-Dibromoethane	20.000	20.693	-3.5	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.788	1.2	77	0.00
56 M	Bromoform	20.000	21.168	-5.8	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.931	-2.9	79	0.00
59 M	2-Hexanone	100.000	100.101	-0.1	76	0.00
60 S	4-Bromofluorobenzene	30.000	30.203	-0.7	77	0.00
61 M	Tetrachloroethene	20.000	21.195	-6.0	80	0.00
62 M	Toluene	20.000	20.888	-4.4	79	0.00
63 S	Toluene-d8	30.000	31.096	-3.7	79	0.00
64 M	Chlorobenzene	20.000	20.278	-1.4	76	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.603	-3.0	77	0.00
66 M	Ethyl Benzene	20.000	19.690	1.5	75	0.00
67 M	m/p-Xylenes	40.000	41.329	-3.3	77	0.00
68 M	o-Xylene	20.000	20.229	-1.1	77	0.00
69 M	Styrene	20.000	20.330	-1.6	76	0.00
70	Isopropylbenzene	20.000	20.337	-1.7	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.755	-8.8	83	0.00
72	1,2,3-Trichloropropane	20.000	21.541	-7.7	84	0.00
73	Bromobenzene	20.000	20.477	-2.4	78	0.00
74	n-propylbenzene	20.000	21.047	-5.2	79	0.00
75	2-Chlorotoluene	20.000	20.787	-3.9	79	0.00
76	1,3,5-Trimethylbenzene	20.000	21.289	-6.4	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.313	3.4	74	0.00
78	4-Chlorotoluene	20.000	20.379	-1.9	77	0.00
79	tert-butylbenzene	20.000	20.663	-3.3	80	0.00
80	1,2,4-Trimethylbenzene	20.000	21.364	-6.8	80	0.00
81	sec-Butylbenzene	20.000	21.264	-6.3	79	0.00
82	p-Isopropyltoluene	20.000	21.031	-5.2	76	0.00
83 M	1,3-Dichlorobenzene	20.000	21.074	-5.4	82	0.00
84 M	1,4-Dichlorobenzene	20.000	19.462	2.7	72	0.00
85	n-Butylbenzene	20.000	19.964	0.2	74	0.00
86 T	Hexachloroethane	20.000	21.697	-8.5	84	0.00
87 M	1,2-Dichlorobenzene	20.000	20.296	-1.5	76	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.562	2.2	70	0.00
89	1,2,4-Trichlorobenzene	20.000	16.274	18.6	58	0.00
90	Hexachlorobutadiene	20.000	19.746	1.3	68	0.00
91 M	Naphthalene	20.000	14.357	28.2#	51	0.00
92	1,2,3-Trichlorobenzene	20.000	16.274	18.6	58	0.00

(#) = Out of Range

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