

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080264.D
 Acq On : 24 Nov 2023 16:17
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 04:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 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	49	0.00
2 M	Dichlorodifluoromethane	20.000	24.785	-23.9	58	0.00
3 M	Chloromethane	20.000	13.890	30.6#	33	0.00
4 M	Vinyl Chloride	20.000	19.126	4.4	48	0.00
5 M	Bromomethane	20.000	21.974	-9.9	56	0.00
6 M	Chloroethane	20.000	20.790	-3.9	56	0.00
7 M	Trichlorofluoromethane	20.000	27.033	-35.2#	69	0.00
8 T	Diethyl Ether	20.000	20.770	-3.8	51	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.942	-4.7	53	0.00
10 M	1,1-Dichloroethene	20.000	22.889	-14.4	53	0.00
11	Methyl Iodide	20.000	21.006	-5.0	50	-0.01
12	Methyl Acetate	20.000	15.607	22.0	37	0.00
13 M	Acrolein	100.000	93.576	6.4	51	0.00
14 M	Acrylonitrile	100.000	85.055	14.9	41	0.00
15 M	Acetone	100.000	70.979	29.0#	34	0.00
16 M	Carbon Disulfide	20.000	18.094	9.5	41	0.00
17	Allyl chloride	20.000	15.408	23.0	38	0.00
18 M	Methylene Chloride	20.000	19.074	4.6	48	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.842	0.8	48	0.00
20 T	Diisopropyl ether	20.000	15.333	23.3	36	0.00
21 M	1,1-Dichloroethane	20.000	18.689	6.6	45	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.427	2.9	47	0.00
23 M	tert-Butyl Alcohol	100.000	114.225	-14.2	54	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.983	-9.9	52	-0.01
25 M	Chloroform	20.000	20.941	-4.7	50	0.00
26	Cyclohexane	20.000	16.931	15.3	41	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.392	-11.3	55	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	49	0.00
29	1,1-Dichloropropene	20.000	19.849	0.8	48	0.00
30 M	2-Butanone	100.000	70.759	29.2#	34	0.00
31	2,2-Dichloropropane	20.000	21.600	-8.0	52	0.00
32 M	1,1,1-Trichloroethane	20.000	24.727	-23.6	60	0.00
33 M	Carbon Tetrachloride	20.000	27.054	-35.3#	66	0.00
34 M	Benzene	20.000	18.831	5.8	46	0.00
35	Methacrylonitrile	20.000	15.270	23.7	37	0.00
36 M	1,2-Dichloroethane	20.000	21.233	-6.2	51	0.00
37 M	Trichloroethene	20.000	20.865	-4.3	51	0.00
38	Methylcyclohexane	20.000	19.232	3.8	47	0.00
39 M	1,2-Dichloropropane	20.000	16.769	16.2	40	0.00
40	Dibromomethane	20.000	20.681	-3.4	51	0.00
41 M	Bromodichloromethane	20.000	21.278	-6.4	53	0.00
42 M	Vinyl Acetate	100.000	91.526	8.5	45	0.00
43	Ethyl Acetate	20.000	16.005	20.0	36	0.00
44	Isopropyl Acetate	20.000	16.377	18.1	40	0.00
45 T	1,4-Dioxane	400.000	409.181	-2.3	49	0.00
46	Methyl methacrylate	20.000	15.538	22.3	37	0.00
47	n-amyl Acetate	20.000	15.792	21.0	38	0.00
48 M	t-1,3-Dichloropropene	20.000	20.767	-3.8	50	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
 Data File : VN080264.D
 Acq On : 24 Nov 2023 16:17
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 27 04:08:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 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	19.835	0.8	48	0.00
50 M	1,1,2-Trichloroethane	20.000	19.398	3.0	47	0.00
51	Ethyl methacrylate	20.000	19.365	3.2	47	0.00
52	1,3-Dichloropropane	20.000	19.515	2.4	47	0.00
53 M	Dibromochloromethane	20.000	23.518	-17.6	57	0.00
54 M	1,2-Dibromoethane	20.000	20.561	-2.8	50	0.00
55 M	2-Chloroethyl vinyl ether	100.000	74.444	25.6#	35	0.00
56 M	Bromoform	20.000	24.519	-22.6	60	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	49	0.00
58 M	4-Methyl-2-Pentanone	100.000	79.654	20.3	38	0.00
59 M	2-Hexanone	100.000	76.662	23.3	36	0.00
60 S	4-Bromofluorobenzene	30.000	33.025	-10.1	54	0.00
61 M	Tetrachloroethene	20.000	24.165	-20.8	59	0.00
62 M	Toluene	20.000	20.435	-2.2	49	0.00
63 S	Toluene-d8	30.000	30.410	-1.4	49	0.00
64 M	Chlorobenzene	20.000	20.357	-1.8	49	0.00
65	1,1,1,2-Tetrachloroethane	20.000	23.144	-15.7	55	0.00
66 M	Ethyl Benzene	20.000	20.560	-2.8	50	0.00
67 M	m/p-Xylenes	40.000	42.064	-5.2	49	0.00
68 M	o-Xylene	20.000	21.050	-5.3	51	0.00
69 M	Styrene	20.000	21.722	-8.6	52	0.00
70	Isopropylbenzene	20.000	22.187	-10.9	54	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.712	6.4	45	0.00
72	1,2,3-Trichloropropane	20.000	20.156	-0.8	50	0.00
73	Bromobenzene	20.000	22.146	-10.7	55	0.00
74	n-propylbenzene	20.000	20.430	-2.1	49	0.00
75	2-Chlorotoluene	20.000	21.525	-7.6	52	0.00
76	1,3,5-Trimethylbenzene	20.000	23.793	-19.0	57	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.678	1.6	49	0.00
78	4-Chlorotoluene	20.000	21.637	-8.2	53	0.00
79	tert-butylbenzene	20.000	23.587	-17.9	57	0.00
80	1,2,4-Trimethylbenzene	20.000	23.367	-16.8	56	0.00
81	sec-Butylbenzene	20.000	22.667	-13.3	55	0.00
82	p-Isopropyltoluene	20.000	23.496	-17.5	57	0.00
83 M	1,3-Dichlorobenzene	20.000	22.047	-10.2	53	0.00
84 M	1,4-Dichlorobenzene	20.000	21.319	-6.6	52	0.00
85	n-Butylbenzene	20.000	21.337	-6.7	53	0.00
86 T	Hexachloroethane	20.000	22.580	-12.9	56	0.00
87 M	1,2-Dichlorobenzene	20.000	23.035	-15.2	56	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.867	-19.3	57	0.00
89	1,2,4-Trichlorobenzene	20.000	24.541	-22.7	59	0.00
90	Hexachlorobutadiene	20.000	29.057	-45.3#	71	0.00
91 M	Naphthalene	20.000	21.404	-7.0	51	0.00
92	1,2,3-Trichlorobenzene	20.000	24.541	-22.7	59	0.00

(#) = Out of Range

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