

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072654.D
 Acq On : 31 May 2022 16:53
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 01 02:41:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	72	0.00
2 M	Dichlorodifluoromethane	20.000	23.356	-16.8	76	0.00
3 M	Chloromethane	20.000	22.863	-14.3	84	0.00
4 M	Vinyl Chloride	20.000	21.388	-6.9	76	0.00
5 M	Bromomethane	20.000	19.376	3.1	75	0.00
6 M	Chloroethane	20.000	21.737	-8.7	74	0.00
7 M	Trichlorofluoromethane	20.000	21.100	-5.5	67	0.00
8 T	Diethyl Ether	20.000	23.579	-17.9	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	11.619	41.9#	36	-0.01
10 M	1,1-Dichloroethene	20.000	23.604	-18.0	72	0.00
11	Methyl Iodide	20.000	21.761	-8.8	69	0.00
12	Methyl Acetate	20.000	24.336	-21.7	80	0.00
13 M	Acrolein	100.000	117.382	-17.4	84	0.00
14 M	Acrylonitrile	100.000	121.345	-21.3	78	0.00
15 M	Acetone	100.000	125.784	-25.8	79	0.00
16 M	Carbon Disulfide	20.000	24.400	-22.0	78	0.00
17	Allyl chloride	20.000	24.482	-22.4	79	0.00
18 M	Methylene Chloride	20.000	24.150	-20.7	73	0.00
19 M	trans-1,2-Dichloroethene	20.000	11.386	43.1#	34	-0.01
20 T	Diisopropyl ether	20.000	22.676	-13.4	77	0.00
21 M	1,1-Dichloroethane	20.000	22.293	-11.5	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.291	-6.5	68	0.00
23 M	tert-Butyl Alcohol	100.000	107.574	-7.6	74	0.00
24 M	Methyl tert-Butyl Ether	20.000	23.247	-16.2	74	0.00
25 M	Chloroform	20.000	22.287	-11.4	76	0.00
26	Cyclohexane	20.000	20.675	-3.4	73	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.417	-11.4	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	72	0.00
29	1,1-Dichloropropene	20.000	21.187	-5.9	70	-0.01
30 M	2-Butanone	100.000	119.224	-19.2	76	0.00
31	2,2-Dichloropropane	20.000	21.359	-6.8	68	0.00
32 M	1,1,1-Trichloroethane	20.000	21.514	-7.6	70	0.00
33 M	Carbon Tetrachloride	20.000	20.834	-4.2	69	0.00
34 M	Benzene	20.000	23.079	-15.4	75	0.00
35	Methacrylonitrile	20.000	24.884	-24.4	89	0.00
36 M	1,2-Dichloroethane	20.000	24.323	-21.6	80	0.00
37 M	Trichloroethene	20.000	20.864	-4.3	69	0.00
38	Methylcyclohexane	20.000	21.985	-9.9	75	0.00
39 M	1,2-Dichloropropane	20.000	23.137	-15.7	76	0.00
40	Dibromomethane	20.000	22.317	-11.6	74	0.00
41 M	Bromodichloromethane	20.000	22.388	-11.9	74	0.00
42 M	Vinyl Acetate	100.000	118.691	-18.7	77	0.00
43	Ethyl Acetate	20.000	25.562	-27.8	85	0.00
44	Isopropyl Acetate	20.000	23.511	-17.6	78	0.00
45 T	1,4-Dioxane	400.000	479.848	-20.0	79	0.00
46	Methyl methacrylate	20.000	22.708	-13.5	80	0.00
47	n-amyl Acetate	20.000	24.310	-21.5	84	0.00
48 M	t-1,3-Dichloropropene	20.000	22.623	-13.1	78	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072654.D
 Acq On : 31 May 2022 16:53
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 01 02:41:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.990	-4.9	69	0.00
50 M	1,1,2-Trichloroethane	20.000	21.730	-8.7	70	0.00
51	Ethyl methacrylate	20.000	21.534	-7.7	72	0.00
52	1,3-Dichloropropane	20.000	22.706	-13.5	74	0.00
53 M	Dibromochloromethane	20.000	22.691	-13.5	75	0.00
54 M	1,2-Dibromoethane	20.000	23.323	-16.6	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	114.688	-14.7	84	0.00
56 M	Bromoform	20.000	24.684	-23.4	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.083	-2.1	79	0.00
59 M	2-Hexanone	100.000	111.305	-11.3	86	0.00
60 S	4-Bromofluorobenzene	30.000	30.554	-1.8	83	0.00
61 M	Tetrachloroethene	20.000	18.870	5.6	70	0.00
62 M	Toluene	20.000	20.720	-3.6	77	0.00
63 S	Toluene-d8	30.000	29.005	3.3	77	0.00
64 M	Chlorobenzene	20.000	20.921	-4.6	79	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.153	-5.8	81	0.00
66 M	Ethyl Benzene	20.000	20.135	-0.7	79	0.00
67 M	m/p-Xylenes	40.000	42.571	-6.4	80	0.00
68 M	o-Xylene	20.000	20.341	-1.7	77	0.00
69 M	Styrene	20.000	21.197	-6.0	82	0.00
70	Isopropylbenzene	20.000	21.248	-6.2	80	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.325	-11.6	83	0.00
72	1,2,3-Trichloropropane	20.000	20.070	-0.4	73	0.00
73	Bromobenzene	20.000	21.692	-8.5	82	0.00
74	n-propylbenzene	20.000	21.630	-8.1	84	0.00
75	2-Chlorotoluene	20.000	21.308	-6.5	83	0.00
76	1,3,5-Trimethylbenzene	20.000	21.557	-7.8	83	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.142	-5.7	84	0.00
78	4-Chlorotoluene	20.000	21.911	-9.6	84	0.00
79	tert-butylbenzene	20.000	21.554	-7.8	80	0.00
80	1,2,4-Trimethylbenzene	20.000	21.746	-8.7	82	0.00
81	sec-Butylbenzene	20.000	21.228	-6.1	85	0.00
82	p-Isopropyltoluene	20.000	21.577	-7.9	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.757	-3.8	83	0.00
84 M	1,4-Dichlorobenzene	20.000	20.724	-3.6	83	0.00
85	n-Butylbenzene	20.000	20.896	-4.5	89	0.00
86 T	Hexachloroethane	20.000	22.389	-11.9	89	0.00
87 M	1,2-Dichlorobenzene	20.000	21.471	-7.4	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.648	-13.2	92	0.00
89	1,2,4-Trichlorobenzene	20.000	21.386	-6.9	87	0.00
90	Hexachlorobutadiene	20.000	21.995	-10.0	83	0.00
91 M	Naphthalene	20.000	20.662	-3.3	88	0.00
92	1,2,3-Trichlorobenzene	20.000	21.863	-9.3	88	0.00

(#) = Out of Range

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