

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053122\
 Data File : VN072647.D
 Acq On : 31 May 2022 11:00
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 01 02:46:03 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	21.472	-7.4	70	0.00
3 M	Chloromethane	20.000	23.445	-17.2	87	0.00
4 M	Vinyl Chloride	20.000	23.995	-20.0	86	0.00
5 M	Bromomethane	20.000	20.080	-0.4	78	0.00
6 M	Chloroethane	20.000	22.939	-14.7	78	0.00
7 M	Trichlorofluoromethane	20.000	18.841	5.8	60	0.00
8 T	Diethyl Ether	20.000	19.047	4.8	59	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.688	1.6	61	0.00
10 M	1,1-Dichloroethene	20.000	18.309	8.5	56	0.00
11	Methyl Iodide	20.000	16.007	20.0	51	0.00
12	Methyl Acetate	20.000	20.957	-4.8	69	0.00
13 M	Acrolein	100.000	100.992	-1.0	72	0.00
14 M	Acrylonitrile	100.000	100.376	-0.4	64	0.00
15 M	Acetone	100.000	108.398	-8.4	68	0.00
16 M	Carbon Disulfide	20.000	20.329	-1.6	65	0.00
17	Allyl chloride	20.000	21.782	-8.9	70	0.00
18 M	Methylene Chloride	20.000	18.771	6.1	57	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.006	5.0	58	0.00
20 T	Diisopropyl ether	20.000	23.287	-16.4	79	0.00
21 M	1,1-Dichloroethane	20.000	22.368	-11.8	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	23.537	-17.7	76	0.00
23 M	tert-Butyl Alcohol	100.000	91.132	8.9	63	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.452	2.7	62	0.00
25 M	Chloroform	20.000	20.692	-3.5	71	0.00
26	Cyclohexane	20.000	22.093	-10.5	79	0.00
27 s	1,2-Dichloroethane-d4	30.000	34.249	-14.2	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	76	0.00
29	1,1-Dichloropropene	20.000	21.824	-9.1	76	0.00
30 M	2-Butanone	100.000	119.509	-19.5	80	0.00
31	2,2-Dichloropropane	20.000	23.938	-19.7	80	0.00
32 M	1,1,1-Trichloroethane	20.000	23.027	-15.1	79	0.00
33 M	Carbon Tetrachloride	20.000	22.566	-12.8	78	0.00
34 M	Benzene	20.000	21.662	-8.3	75	0.00
35	Methacrylonitrile	20.000	23.266	-16.3	88	0.00
36 M	1,2-Dichloroethane	20.000	22.735	-13.7	79	0.00
37 M	Trichloroethene	20.000	19.712	1.4	69	0.00
38	Methylcyclohexane	20.000	19.490	2.6	70	0.00
39 M	1,2-Dichloropropane	20.000	20.507	-2.5	71	0.00
40	Dibromomethane	20.000	18.246	8.8	63	0.00
41 M	Bromodichloromethane	20.000	18.860	5.7	66	0.00
42 M	Vinyl Acetate	100.000	113.156	-13.2	77	0.00
43	Ethyl Acetate	20.000	23.754	-18.8	83	0.00
44	Isopropyl Acetate	20.000	22.945	-14.7	81	0.00
45 T	1,4-Dioxane	400.000	423.951	-6.0	73	0.00
46	Methyl methacrylate	20.000	20.697	-3.5	77	0.00
47	n-amyl Acetate	20.000	20.185	-0.9	73	0.00
48 M	t-1,3-Dichloropropene	20.000	17.794	11.0	64	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.881	10.6	62	0.00
50 M	1,1,2-Trichloroethane	20.000	17.185	14.1	59	0.00
51	Ethyl methacrylate	20.000	16.873	15.6	60	0.00
52	1,3-Dichloropropane	20.000	17.467	12.7	60	0.00
53 M	Dibromochloromethane	20.000	16.806	16.0	58	0.00
54 M	1,2-Dibromoethane	20.000	16.583	17.1	57	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.905	14.1	66	0.00
56 M	Bromoform	20.000	22.362	-11.8	77	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	62	0.00
58 M	4-Methyl-2-Pentanone	100.000	119.767	-19.8	70	0.00
59 M	2-Hexanone	100.000	125.349	-25.3	74	0.00
60 S	4-Bromofluorobenzene	30.000	38.609	-28.7	79	0.00
61 M	Tetrachloroethene	20.000	18.658	6.7	52	0.00
62 M	Toluene	20.000	20.788	-3.9	59	0.00
63 S	Toluene-d8	30.000	30.475	-1.6	62	0.00
64 M	Chlorobenzene	20.000	20.180	-0.9	58	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.036	-0.2	58	0.00
66 M	Ethyl Benzene	20.000	20.056	-0.3	60	0.00
67 M	m/p-Xylenes	40.000	41.695	-4.2	60	0.00
68 M	o-Xylene	20.000	20.922	-4.6	60	0.00
69 M	Styrene	20.000	20.557	-2.8	61	0.00
70	Isopropylbenzene	20.000	24.222	-21.1	70	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	27.904	-39.5#	79	0.00
72	1,2,3-Trichloropropane	20.000	24.537	-22.7	68	0.00
73	Bromobenzene	20.000	24.518	-22.6	70	0.00
74	n-propylbenzene	20.000	27.421	-37.1#	81	0.00
75	2-Chlorotoluene	20.000	26.005	-30.0#	77	0.00
76	1,3,5-Trimethylbenzene	20.000	25.644	-28.2	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	27.327	-36.6#	83	0.00
78	4-Chlorotoluene	20.000	29.597	-48.0#	87	0.00
79	tert-butylbenzene	20.000	27.087	-35.4#	77	0.00
80	1,2,4-Trimethylbenzene	20.000	26.152	-30.8#	75	0.00
81	sec-Butylbenzene	20.000	24.486	-22.4	74	0.00
82	p-Isopropyltoluene	20.000	25.619	-28.1	77	0.00
83 M	1,3-Dichlorobenzene	20.000	24.503	-22.5	75	0.00
84 M	1,4-Dichlorobenzene	20.000	28.202	-41.0#	86	0.00
85	n-Butylbenzene	20.000	27.708	-38.5#	89	0.00
86 T	Hexachloroethane	20.000	31.760	-58.8#	96	0.00
87 M	1,2-Dichlorobenzene	20.000	28.712	-43.6#	84	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	28.777	-43.9#	89	0.00
89	1,2,4-Trichlorobenzene	20.000	28.001	-40.0#	87	0.00
90	Hexachlorobutadiene	20.000	30.451	-52.3#	87	0.00
91 M	Naphthalene	20.000	26.055	-30.3#	85	0.00
92	1,2,3-Trichlorobenzene	20.000	27.672	-38.4#	84	0.00

(#) = Out of Range

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