

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071717.D
 Acq On : 31 Mar 2022 20:26
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 01 02:27:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 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	77	0.00
2 M	Dichlorodifluoromethane	20.000	16.896	15.5	63	0.00
3 M	Chloromethane	20.000	17.290	13.6	67	0.00
4 M	Vinyl Chloride	20.000	17.163	14.2	68	0.00
5 M	Bromomethane	20.000	19.018	4.9	66	0.00
6 M	Chloroethane	20.000	17.500	12.5	69	0.00
7 M	Trichlorofluoromethane	20.000	18.491	7.5	72	0.00
8 T	Diethyl Ether	20.000	19.460	2.7	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.123	4.4	74	0.00
10 M	1,1-Dichloroethene	20.000	18.454	7.7	73	0.00
11	Methyl Iodide	20.000	17.999	10.0	72	0.00
12	Methyl Acetate	20.000	20.254	-1.3	80	0.00
13 M	Acrolein	100.000	100.979	-1.0	83	0.00
14 M	Acrylonitrile	100.000	100.028	-0.0	80	0.00
15 M	Acetone	100.000	91.098	8.9	69	0.00
16 M	Carbon Disulfide	20.000	14.846	25.8	60	0.00
17	Allyl chloride	20.000	18.140	9.3	73	0.00
18 M	Methylene Chloride	20.000	19.599	2.0	77	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.716	6.4	75	0.00
20 T	Diisopropyl ether	20.000	20.262	-1.3	79	0.00
21 M	1,1-Dichloroethane	20.000	19.533	2.3	77	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.280	3.6	76	0.00
23 M	tert-Butyl Alcohol	100.000	86.638	13.4	72	0.02
24 M	Methyl tert-Butyl Ether	20.000	19.751	1.2	78	0.00
25 M	Chloroform	20.000	20.240	-1.2	79	0.00
26	Cyclohexane	20.000	18.198	9.0	72	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.878	-6.3	82	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	16.993	15.0	74	0.00
30 M	2-Butanone	100.000	86.966	13.0	75	0.00
31	2,2-Dichloropropane	20.000	15.636	21.8	68	0.00
32 M	1,1,1-Trichloroethane	20.000	17.733	11.3	77	0.00
33 M	Carbon Tetrachloride	20.000	17.632	11.8	76	0.00
34 M	Benzene	20.000	18.086	9.6	77	0.00
35	Methacrylonitrile	20.000	18.415	7.9	76	0.01
36 M	1,2-Dichloroethane	20.000	18.129	9.4	78	0.00
37 M	Trichloroethene	20.000	17.409	13.0	76	0.00
38	Methylcyclohexane	20.000	15.923	20.4	69	0.00
39 M	1,2-Dichloropropane	20.000	18.217	8.9	78	0.00
40	Dibromomethane	20.000	18.145	9.3	78	0.00
41 M	Bromodichloromethane	20.000	18.023	9.9	79	0.00
42 M	Vinyl Acetate	100.000	88.388	11.6	77	0.00
43	Ethyl Acetate	20.000	18.912	5.4	80	0.00
44	Isopropyl Acetate	20.000	17.929	10.4	80	0.00
45 T	1,4-Dioxane	400.000	331.895	17.0	70	0.00
46	Methyl methacrylate	20.000	17.831	10.8	82	0.00
47	n-amyl Acetate	20.000	15.037	24.8	72	0.00
48 M	t-1,3-Dichloropropene	20.000	16.837	15.8	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.274	13.6	77	0.00
50 M	1,1,2-Trichloroethane	20.000	18.719	6.4	81	0.00
51	Ethyl methacrylate	20.000	17.769	11.2	81	0.00
52	1,3-Dichloropropane	20.000	18.242	8.8	78	0.00
53 M	Dibromochloromethane	20.000	18.450	7.8	82	0.00
54 M	1,2-Dibromoethane	20.000	18.159	9.2	80	0.00
55 M	2-Chloroethyl vinyl ether	100.000	60.195	39.8#	54	0.00
56 M	Bromoform	20.000	17.607	12.0	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.261	6.7	80	0.00
59 M	2-Hexanone	100.000	88.670	11.3	77	0.00
60 S	4-Bromofluorobenzene	30.000	28.476	5.1	81	0.00
61 M	Tetrachloroethene	20.000	18.261	8.7	77	0.00
62 M	Toluene	20.000	18.461	7.7	78	0.00
63 S	Toluene-d8	30.000	30.703	-2.3	84	0.00
64 M	Chlorobenzene	20.000	18.288	8.6	80	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.810	6.0	80	0.00
66 M	Ethyl Benzene	20.000	17.831	10.8	78	0.00
67 M	m/p-Xylenes	40.000	35.572	11.1	76	0.00
68 M	o-Xylene	20.000	17.705	11.5	77	0.00
69 M	Styrene	20.000	17.122	14.4	77	0.00
70	Isopropylbenzene	20.000	18.218	8.9	79	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.182	4.1	80	0.00
72	1,2,3-Trichloropropane	20.000	20.974	-4.9	87	0.00
73	Bromobenzene	20.000	17.311	13.4	77	0.00
74	n-propylbenzene	20.000	17.218	13.9	77	0.00
75	2-Chlorotoluene	20.000	17.684	11.6	77	0.00
76	1,3,5-Trimethylbenzene	20.000	18.550	7.2	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.149	24.3	73	0.00
78	4-Chlorotoluene	20.000	16.729	16.4	75	0.00
79	tert-butylbenzene	20.000	18.037	9.8	78	0.00
80	1,2,4-Trimethylbenzene	20.000	18.019	9.9	79	0.00
81	sec-Butylbenzene	20.000	17.331	13.3	77	0.00
82	p-Isopropyltoluene	20.000	17.290	13.6	78	0.00
83 M	1,3-Dichlorobenzene	20.000	16.639	16.8	76	0.00
84 M	1,4-Dichlorobenzene	20.000	16.695	16.5	76	0.00
85	n-Butylbenzene	20.000	15.513	22.4	75	0.00
86 T	Hexachloroethane	20.000	17.447	12.8	78	0.00
87 M	1,2-Dichlorobenzene	20.000	17.729	11.4	77	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.843	15.8	77	0.00
89	1,2,4-Trichlorobenzene	20.000	15.614	21.9	76	0.00
90	Hexachlorobutadiene	20.000	17.461	12.7	77	0.00
91 M	Naphthalene	20.000	16.734	16.3	72	0.00
92	1,2,3-Trichlorobenzene	20.000	15.722	21.4	76	0.00

(#) = Out of Range

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