

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071699.D
 Acq On : 31 Mar 2022 10:39
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 31 18:48:18 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	15.299	23.5	63	0.00
3 M	Chloromethane	20.000	14.543	27.3	62	0.00
4 M	Vinyl Chloride	20.000	13.738	31.3#	59	0.00
5 M	Bromomethane	20.000	16.332	18.3	62	0.00
6 M	Chloroethane	20.000	15.909	20.5	69	0.00
7 M	Trichlorofluoromethane	20.000	16.695	16.5	72	0.00
8 T	Diethyl Ether	20.000	17.759	11.2	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.916	10.4	75	0.00
10 M	1,1-Dichloroethene	20.000	16.054	19.7	69	0.00
11	Methyl Iodide	20.000	15.794	21.0	69	0.00
12	Methyl Acetate	20.000	18.718	6.4	81	0.00
13 M	Acrolein	100.000	108.898	-8.9	98	0.00
14 M	Acrylonitrile	100.000	93.749	6.3	82	0.00
15 M	Acetone	100.000	107.954	-8.0	89	0.00
16 M	Carbon Disulfide	20.000	11.149	44.3#	49	0.00
17	Allyl chloride	20.000	16.940	15.3	74	0.00
18 M	Methylene Chloride	20.000	17.395	13.0	75	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.153	19.2	70	0.00
20 T	Diisopropyl ether	20.000	18.657	6.7	79	0.00
21 M	1,1-Dichloroethane	20.000	18.048	9.8	78	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.986	10.1	78	0.00
23 M	tert-Butyl Alcohol	100.000	91.930	8.1	83	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.867	5.7	81	0.00
25 M	Chloroform	20.000	18.834	5.8	80	0.00
26	Cyclohexane	20.000	14.956	25.2	65	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.841	0.5	84	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	15.895	20.5	71	0.00
30 M	2-Butanone	100.000	93.025	7.0	82	0.00
31	2,2-Dichloropropane	20.000	17.438	12.8	78	0.00
32 M	1,1,1-Trichloroethane	20.000	17.474	12.6	78	0.00
33 M	Carbon Tetrachloride	20.000	16.668	16.7	74	0.00
34 M	Benzene	20.000	17.004	15.0	75	0.00
35	Methacrylonitrile	20.000	19.446	2.8	82	0.00
36 M	1,2-Dichloroethane	20.000	17.540	12.3	78	0.00
37 M	Trichloroethene	20.000	16.863	15.7	76	0.00
38	Methylcyclohexane	20.000	14.901	25.5	67	0.00
39 M	1,2-Dichloropropane	20.000	18.008	10.0	79	0.00
40	Dibromomethane	20.000	17.930	10.4	79	0.00
41 M	Bromodichloromethane	20.000	18.047	9.8	81	0.00
42 M	Vinyl Acetate	100.000	88.787	11.2	80	0.00
43	Ethyl Acetate	20.000	18.336	8.3	80	0.00
44	Isopropyl Acetate	20.000	18.184	9.1	84	0.00
45 T	1,4-Dioxane	400.000	370.438	7.4	80	0.00
46	Methyl methacrylate	20.000	16.939	15.3	80	0.00
47	n-amyl Acetate	20.000	16.778	16.1	83	0.00
48 M	t-1,3-Dichloropropene	20.000	17.508	12.5	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.559	12.2	80	0.00
50 M	1,1,2-Trichloroethane	20.000	18.734	6.3	83	0.00
51	Ethyl methacrylate	20.000	18.071	9.6	85	0.00
52	1,3-Dichloropropane	20.000	18.056	9.7	79	0.00
53 M	Dibromochloromethane	20.000	18.391	8.0	84	0.00
54 M	1,2-Dibromoethane	20.000	17.976	10.1	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.869	20.1	73	0.00
56 M	Bromoform	20.000	17.681	11.6	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.465	8.5	83	0.00
59 M	2-Hexanone	100.000	91.747	8.3	83	0.00
60 S	4-Bromofluorobenzene	30.000	30.090	-0.3	90	0.00
61 M	Tetrachloroethene	20.000	16.838	15.8	74	0.00
62 M	Toluene	20.000	17.114	14.4	76	0.00
63 S	Toluene-d8	30.000	29.567	1.4	85	0.00
64 M	Chlorobenzene	20.000	17.822	10.9	81	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.460	7.7	82	0.00
66 M	Ethyl Benzene	20.000	17.245	13.8	79	0.00
67 M	m/p-Xylenes	40.000	34.253	14.4	77	0.00
68 M	o-Xylene	20.000	17.442	12.8	80	0.00
69 M	Styrene	20.000	17.347	13.3	82	0.00
70	Isopropylbenzene	20.000	17.836	10.8	81	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.086	4.6	84	0.00
72	1,2,3-Trichloropropane	20.000	19.592	2.0	86	0.00
73	Bromobenzene	20.000	18.141	9.3	85	0.00
74	n-propylbenzene	20.000	17.582	12.1	82	0.00
75	2-Chlorotoluene	20.000	17.791	11.0	81	0.00
76	1,3,5-Trimethylbenzene	20.000	18.032	9.8	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.249	13.8	87	0.00
78	4-Chlorotoluene	20.000	17.921	10.4	84	0.00
79	tert-butylbenzene	20.000	18.243	8.8	83	0.00
80	1,2,4-Trimethylbenzene	20.000	18.157	9.2	83	0.00
81	sec-Butylbenzene	20.000	17.885	10.6	83	0.00
82	p-Isopropyltoluene	20.000	17.856	10.7	85	0.00
83 M	1,3-Dichlorobenzene	20.000	18.294	8.5	87	0.00
84 M	1,4-Dichlorobenzene	20.000	18.124	9.4	87	0.00
85	n-Butylbenzene	20.000	16.868	15.7	86	0.00
86 T	Hexachloroethane	20.000	18.181	9.1	85	0.00
87 M	1,2-Dichlorobenzene	20.000	18.837	5.8	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.575	12.1	84	0.00
89	1,2,4-Trichlorobenzene	20.000	18.109	9.5	93	0.00
90	Hexachlorobutadiene	20.000	20.085	-0.4	93	0.00
91 M	Naphthalene	20.000	19.302	3.5	96	0.00
92	1,2,3-Trichlorobenzene	20.000	18.679	6.6	95	0.00

(#) = Out of Range

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