

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072527.D
 Acq On : 17 May 2022 11:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 18 07:53:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 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	115	0.00
2 M	Dichlorodifluoromethane	20.000	20.049	-0.2	108	0.00
3 M	Chloromethane	20.000	19.050	4.7	104	0.00
4 M	Vinyl Chloride	20.000	16.807	16.0	92	0.00
5 M	Bromomethane	20.000	16.920	15.4	107	0.02
6 M	Chloroethane	20.000	19.513	2.4	109	0.02
7 M	Trichlorofluoromethane	20.000	18.037	9.8	96	0.00
8 T	Diethyl Ether	20.000	18.882	5.6	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.396	-2.0	109	0.01
10 M	1,1-Dichloroethene	20.000	19.182	4.1	107	-0.01
11	Methyl Iodide	20.000	18.439	7.8	104	0.00
12	Methyl Acetate	20.000	16.993	15.0	91	0.00
13 M	Acrolein	100.000	101.614	-1.6	113	0.00
14 M	Acrylonitrile	100.000	86.207	13.8	97	0.00
15 M	Acetone	100.000	80.457	19.5	89	0.01
16 M	Carbon Disulfide	20.000	19.166	4.2	105	0.00
17	Allyl chloride	20.000	17.751	11.2	99	0.00
18 M	Methylene Chloride	20.000	20.492	-2.5	111	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.056	-0.3	110	0.00
20 T	Diisopropyl ether	20.000	19.389	3.1	107	0.00
21 M	1,1-Dichloroethane	20.000	19.066	4.7	105	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.928	0.4	111	0.00
23 M	tert-Butyl Alcohol	100.000	63.614	36.4#	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.868	5.7	104	0.00
25 M	Chloroform	20.000	19.816	0.9	108	0.00
26	Cyclohexane	20.000	19.093	4.5	105	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.996	6.7	99	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	20.876	-4.4	110	0.00
30 M	2-Butanone	100.000	85.770	14.2	88	0.00
31	2,2-Dichloropropane	20.000	20.200	-1.0	108	0.00
32 M	1,1,1-Trichloroethane	20.000	20.536	-2.7	107	0.00
33 M	Carbon Tetrachloride	20.000	20.022	-0.1	101	0.00
34 M	Benzene	20.000	21.494	-7.5	110	0.00
35	Methacrylonitrile	20.000	18.336	8.3	98	0.00
36 M	1,2-Dichloroethane	20.000	20.153	-0.8	102	0.00
37 M	Trichloroethene	20.000	21.430	-7.1	111	0.00
38	Methylcyclohexane	20.000	20.062	-0.3	105	0.00
39 M	1,2-Dichloropropane	20.000	21.799	-9.0	110	0.00
40	Dibromomethane	20.000	20.378	-1.9	103	0.00
41 M	Bromodichloromethane	20.000	20.906	-4.5	110	0.00
42 M	Vinyl Acetate	100.000	99.610	0.4	102	0.00
43	Ethyl Acetate	20.000	18.757	6.2	100	0.00
44	Isopropyl Acetate	20.000	18.356	8.2	96	0.00
45 T	1,4-Dioxane	400.000	287.835	28.0	73	0.00
46	Methyl methacrylate	20.000	17.649	11.8	99	0.00
47	n-amyl Acetate	20.000	17.575	12.1	98	0.00
48 M	t-1,3-Dichloropropene	20.000	19.196	4.0	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.984	0.1	105	0.00
50 M	1,1,2-Trichloroethane	20.000	21.196	-6.0	111	0.00
51	Ethyl methacrylate	20.000	18.434	7.8	99	0.00
52	1,3-Dichloropropane	20.000	20.560	-2.8	107	0.00
53 M	Dibromochloromethane	20.000	20.796	-4.0	106	0.00
54 M	1,2-Dibromoethane	20.000	20.759	-3.8	111	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.063	14.9	100	0.00
56 M	Bromoform	20.000	18.984	5.1	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.531	6.5	95	0.00
59 M	2-Hexanone	100.000	86.198	13.8	87	0.00
60 S	4-Bromofluorobenzene	30.000	30.042	-0.1	106	0.00
61 M	Tetrachloroethene	20.000	22.434	-12.2	112	0.00
62 M	Toluene	20.000	21.212	-6.1	108	0.00
63 S	Toluene-d8	30.000	31.382	-4.6	106	0.00
64 M	Chlorobenzene	20.000	21.030	-5.2	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.549	-7.7	108	0.00
66 M	Ethyl Benzene	20.000	20.000	0.0	103	0.00
67 M	m/p-Xylenes	40.000	42.681	-6.7	110	0.00
68 M	o-Xylene	20.000	21.160	-5.8	109	0.00
69 M	Styrene	20.000	20.958	-4.8	110	0.00
70	Isopropylbenzene	20.000	20.870	-4.4	108	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.069	-5.3	105	0.00
72	1,2,3-Trichloropropane	20.000	20.406	-2.0	100	0.00
73	Bromobenzene	20.000	20.971	-4.9	111	0.00
74	n-propylbenzene	20.000	20.868	-4.3	112	0.00
75	2-Chlorotoluene	20.000	21.079	-5.4	108	0.00
76	1,3,5-Trimethylbenzene	20.000	21.396	-7.0	111	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.377	13.1	101	0.00
78	4-Chlorotoluene	20.000	20.906	-4.5	112	0.00
79	tert-butylbenzene	20.000	20.865	-4.3	109	0.00
80	1,2,4-Trimethylbenzene	20.000	21.212	-6.1	111	0.00
81	sec-Butylbenzene	20.000	20.387	-1.9	109	0.00
82	p-Isopropyltoluene	20.000	20.154	-0.8	107	0.00
83 M	1,3-Dichlorobenzene	20.000	21.771	-8.9	118	0.00
84 M	1,4-Dichlorobenzene	20.000	20.324	-1.6	110	0.00
85	n-Butylbenzene	20.000	18.127	9.4	105	0.00
86 T	Hexachloroethane	20.000	19.049	4.8	106	0.00
87 M	1,2-Dichlorobenzene	20.000	21.248	-6.2	111	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.349	13.3	91	0.00
89	1,2,4-Trichlorobenzene	20.000	17.898	10.5	107	0.00
90	Hexachlorobutadiene	20.000	21.386	-6.9	109	0.00
91 M	Naphthalene	20.000	18.150	9.3	93	0.00
92	1,2,3-Trichlorobenzene	20.000	17.393	13.0	100	0.00

(#) = Out of Range

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