

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072693.D
 Acq On : 07 Jun 2022 17:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 08 09:53:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 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	78	0.00
2 M	Dichlorodifluoromethane	20.000	19.100	4.5	75	0.00
3 M	Chloromethane	20.000	18.847	5.8	75	0.00
4 M	Vinyl Chloride	20.000	19.829	0.9	77	0.00
5 M	Bromomethane	20.000	18.346	8.3	74	0.00
6 M	Chloroethane	20.000	21.529	-7.6	79	0.00
7 M	Trichlorofluoromethane	20.000	18.925	5.4	74	0.00
8 T	Diethyl Ether	20.000	18.735	6.3	73	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.548	2.3	76	0.00
10 M	1,1-Dichloroethene	20.000	18.617	6.9	74	0.00
11	Methyl Iodide	20.000	18.348	8.3	69	0.00
12	Methyl Acetate	20.000	20.484	-2.4	82	0.00
13 M	Acrolein	100.000	91.788	8.2	77	0.00
14 M	Acrylonitrile	100.000	102.427	-2.4	79	0.00
15 M	Acetone	100.000	99.470	0.5	77	0.00
16 M	Carbon Disulfide	20.000	17.348	13.3	72	-0.01
17	Allyl chloride	20.000	19.028	4.9	75	0.00
18 M	Methylene Chloride	20.000	19.264	3.7	75	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.286	8.6	71	0.00
20 T	Diisopropyl ether	20.000	20.309	-1.5	77	0.00
21 M	1,1-Dichloroethane	20.000	19.796	1.0	78	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.914	5.4	73	0.00
23 M	tert-Butyl Alcohol	100.000	96.791	3.2	73	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.316	3.4	74	0.01
25 M	Chloroform	20.000	19.497	2.5	75	0.00
26	Cyclohexane	20.000	19.203	4.0	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.808	-2.7	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	78	0.00
29	1,1-Dichloropropene	20.000	18.251	8.7	75	0.00
30 M	2-Butanone	100.000	97.818	2.2	79	0.00
31	2,2-Dichloropropane	20.000	17.254	13.7	69	0.00
32 M	1,1,1-Trichloroethane	20.000	18.352	8.2	73	0.00
33 M	Carbon Tetrachloride	20.000	17.580	12.1	71	0.00
34 M	Benzene	20.000	18.961	5.2	76	0.00
35	Methacrylonitrile	20.000	20.118	-0.6	85	0.00
36 M	1,2-Dichloroethane	20.000	18.673	6.6	74	0.00
37 M	Trichloroethene	20.000	18.625	6.9	76	0.00
38	Methylcyclohexane	20.000	18.609	7.0	76	0.00
39 M	1,2-Dichloropropane	20.000	19.039	4.8	77	0.00
40	Dibromomethane	20.000	18.936	5.3	77	0.00
41 M	Bromodichloromethane	20.000	18.682	6.6	74	0.00
42 M	Vinyl Acetate	100.000	94.973	5.0	76	0.00
43	Ethyl Acetate	20.000	18.627	6.9	73	0.00
44	Isopropyl Acetate	20.000	18.945	5.3	76	0.00
45 T	1,4-Dioxane	400.000	403.823	-1.0	78	0.00
46	Methyl methacrylate	20.000	17.957	10.2	74	0.00
47	n-amyl Acetate	20.000	17.416	12.9	76	0.00
48 M	t-1,3-Dichloropropene	20.000	17.314	13.4	72	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.802	11.0	73	0.00
50 M	1,1,2-Trichloroethane	20.000	18.439	7.8	73	0.00
51	Ethyl methacrylate	20.000	18.340	8.3	75	0.00
52	1,3-Dichloropropane	20.000	19.138	4.3	75	0.00
53 M	Dibromochloromethane	20.000	17.868	10.7	72	0.00
54 M	1,2-Dibromoethane	20.000	18.642	6.8	75	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.752	1.2	86	0.00
56 M	Bromoform	20.000	17.838	10.8	75	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	79	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.949	0.1	79	0.00
59 M	2-Hexanone	100.000	99.022	1.0	80	0.00
60 S	4-Bromofluorobenzene	30.000	28.175	6.1	77	0.00
61 M	Tetrachloroethene	20.000	19.979	0.1	79	0.00
62 M	Toluene	20.000	19.130	4.4	77	0.00
63 S	Toluene-d8	30.000	30.254	-0.8	78	0.00
64 M	Chlorobenzene	20.000	18.565	7.2	75	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.989	5.1	74	0.00
66 M	Ethyl Benzene	20.000	19.021	4.9	77	0.00
67 M	m/p-Xylenes	40.000	37.529	6.2	77	0.00
68 M	o-Xylene	20.000	18.977	5.1	76	0.00
69 M	Styrene	20.000	18.270	8.7	77	0.00
70	Isopropylbenzene	20.000	18.854	5.7	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.804	1.0	79	0.00
72	1,2,3-Trichloropropane	20.000	21.958	-9.8	79	0.00
73	Bromobenzene	20.000	18.048	9.8	75	0.00
74	n-propylbenzene	20.000	18.374	8.1	77	0.00
75	2-Chlorotoluene	20.000	19.026	4.9	79	0.00
76	1,3,5-Trimethylbenzene	20.000	18.896	5.5	78	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.984	15.1	72	0.00
78	4-Chlorotoluene	20.000	17.870	10.6	76	0.00
79	tert-butylbenzene	20.000	18.205	9.0	75	0.00
80	1,2,4-Trimethylbenzene	20.000	18.519	7.4	78	0.00
81	sec-Butylbenzene	20.000	18.519	7.4	78	0.00
82	p-Isopropyltoluene	20.000	18.542	7.3	80	0.00
83 M	1,3-Dichlorobenzene	20.000	18.573	7.1	81	0.00
84 M	1,4-Dichlorobenzene	20.000	17.982	10.1	77	0.00
85	n-Butylbenzene	20.000	17.611	11.9	78	0.00
86 T	Hexachloroethane	20.000	17.729	11.4	73	0.00
87 M	1,2-Dichlorobenzene	20.000	18.098	9.5	77	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.864	10.7	74	0.00
89	1,2,4-Trichlorobenzene	20.000	17.555	12.2	78	0.00
90	Hexachlorobutadiene	20.000	18.630	6.9	77	0.00
91 M	Naphthalene	20.000	16.674	16.6	75	0.00
92	1,2,3-Trichlorobenzene	20.000	17.225	13.9	78	0.00

(#) = Out of Range

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