

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042823\
 Data File : VN077510.D
 Acq On : 28 Apr 2023 19:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 28 22:46:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	98	0.00
2 M	Dichlorodifluoromethane	20.000	17.837	10.8	87	0.00
3 M	Chloromethane	20.000	18.273	8.6	89	0.00
4 M	Vinyl Chloride	20.000	18.800	6.0	90	0.00
5 M	Bromomethane	20.000	18.298	8.5	95	0.00
6 M	Chloroethane	20.000	18.185	9.1	92	0.00
7 M	Trichlorofluoromethane	20.000	19.398	3.0	94	-0.01
8 T	Diethyl Ether	20.000	18.929	5.4	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.162	4.2	92	0.00
10 M	1,1-Dichloroethene	20.000	18.674	6.6	91	0.00
11	Methyl Iodide	20.000	18.199	9.0	87	0.00
12	Methyl Acetate	20.000	18.845	5.8	88	0.01
13 M	Acrolein	100.000	101.810	-1.8	95	0.00
14 M	Acrylonitrile	100.000	93.038	7.0	90	0.00
15 M	Acetone	100.000	85.711	14.3	76	0.00
16 M	Carbon Disulfide	20.000	17.771	11.1	88	-0.01
17	Allyl chloride	20.000	17.204	14.0	86	0.00
18 M	Methylene Chloride	20.000	18.746	6.3	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.701	6.5	91	0.00
20 T	Diisopropyl ether	20.000	19.258	3.7	92	0.00
21 M	1,1-Dichloroethane	20.000	18.967	5.2	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.476	7.6	90	0.00
23 M	tert-Butyl Alcohol	100.000	90.963	9.0	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.962	5.2	94	0.00
25 M	Chloroform	20.000	19.258	3.7	92	0.00
26	Cyclohexane	20.000	18.866	5.7	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.552	1.5	96	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	97	0.00
29	1,1-Dichloropropene	20.000	18.860	5.7	90	0.00
30 M	2-Butanone	100.000	89.391	10.6	83	0.00
31	2,2-Dichloropropane	20.000	18.535	7.3	88	0.00
32 M	1,1,1-Trichloroethane	20.000	19.202	4.0	90	0.00
33 M	Carbon Tetrachloride	20.000	18.576	7.1	89	0.00
34 M	Benzene	20.000	18.786	6.1	89	0.00
35	Methacrylonitrile	20.000	20.066	-0.3	95	0.00
36 M	1,2-Dichloroethane	20.000	19.724	1.4	92	0.00
37 M	Trichloroethene	20.000	18.987	5.1	91	0.00
38	Methylcyclohexane	20.000	18.390	8.0	88	0.00
39 M	1,2-Dichloropropane	20.000	19.253	3.7	93	0.00
40	Dibromomethane	20.000	18.897	5.5	92	0.00
41 M	Bromodichloromethane	20.000	19.153	4.2	92	0.00
42 M	Vinyl Acetate	100.000	84.775	15.2	89	0.00
43	Ethyl Acetate	20.000	19.384	3.1	89	0.00
44	Isopropyl Acetate	20.000	19.314	3.4	90	0.00
45 T	1,4-Dioxane	400.000	366.076	8.5	87	0.00
46	Methyl methacrylate	20.000	18.701	6.5	90	0.00
47	n-amyl Acetate	20.000	18.773	6.1	90	0.00
48 M	t-1,3-Dichloropropene	20.000	18.675	6.6	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.062	4.7	90	0.00
50 M	1,1,2-Trichloroethane	20.000	19.079	4.6	90	0.00
51	Ethyl methacrylate	20.000	19.743	1.3	94	0.00
52	1,3-Dichloropropane	20.000	19.389	3.1	92	0.00
53 M	Dibromochloromethane	20.000	19.472	2.6	91	0.00
54 M	1,2-Dibromoethane	20.000	19.416	2.9	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	90.463	9.5	86	0.00
56 M	Bromoform	20.000	18.753	6.2	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	97.747	2.3	92	0.00
59 M	2-Hexanone	100.000	96.007	4.0	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.517	-1.7	94	0.00
61 M	Tetrachloroethene	20.000	19.227	3.9	89	0.00
62 M	Toluene	20.000	19.531	2.3	91	0.00
63 S	Toluene-d8	30.000	30.076	-0.3	96	0.00
64 M	Chlorobenzene	20.000	19.603	2.0	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.154	-0.8	94	0.00
66 M	Ethyl Benzene	20.000	19.525	2.4	92	0.00
67 M	m/p-Xylenes	40.000	39.397	1.5	92	0.00
68 M	o-Xylene	20.000	19.668	1.7	92	0.00
69 M	Styrene	20.000	19.461	2.7	91	0.00
70	Isopropylbenzene	20.000	20.044	-0.2	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.902	0.5	95	0.00
72	1,2,3-Trichloropropane	20.000	21.566	-7.8	102	0.00
73	Bromobenzene	20.000	19.203	4.0	90	0.00
74	n-propylbenzene	20.000	19.415	2.9	91	0.00
75	2-Chlorotoluene	20.000	19.700	1.5	93	0.00
76	1,3,5-Trimethylbenzene	20.000	19.858	0.7	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.592	7.0	84	0.00
78	4-Chlorotoluene	20.000	19.334	3.3	90	0.00
79	tert-butylbenzene	20.000	20.012	-0.1	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.590	2.1	88	0.00
81	sec-Butylbenzene	20.000	19.567	2.2	90	0.00
82	p-Isopropyltoluene	20.000	19.300	3.5	89	0.00
83 M	1,3-Dichlorobenzene	20.000	19.367	3.2	90	0.00
84 M	1,4-Dichlorobenzene	20.000	18.860	5.7	89	0.00
85	n-Butylbenzene	20.000	18.266	8.7	85	0.00
86 T	Hexachloroethane	20.000	19.804	1.0	92	0.00
87 M	1,2-Dichlorobenzene	20.000	18.979	5.1	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.506	7.5	89	0.00
89	1,2,4-Trichlorobenzene	20.000	15.575	22.1	81	0.00
90	Hexachlorobutadiene	20.000	18.450	7.8	89	0.00
91 M	Naphthalene	20.000	15.693	21.5	85	0.00
92	1,2,3-Trichlorobenzene	20.000	16.064	19.7	88	0.00

(#) = Out of Range

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