

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079633.D
 Acq On : 20 Oct 2023 17:57
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 20 23:51:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	18.951	5.2	88	0.00
3 M	Chloromethane	20.000	17.874	10.6	84	0.00
4 M	Vinyl Chloride	20.000	18.804	6.0	89	0.00
5 M	Bromomethane	20.000	16.857	15.7	80	0.00
6 M	Chloroethane	20.000	18.539	7.3	87	0.00
7 M	Trichlorofluoromethane	20.000	19.232	3.8	91	0.00
8 T	Diethyl Ether	20.000	17.736	11.3	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.382	3.1	93	0.00
10 M	1,1-Dichloroethene	20.000	18.595	7.0	87	0.00
11	Methyl Iodide	20.000	19.426	2.9	93	0.00
12	Methyl Acetate	20.000	18.936	5.3	90	0.00
13 M	Acrolein	100.000	87.034	13.0	82	0.00
14 M	Acrylonitrile	100.000	93.958	6.0	89	0.00
15 M	Acetone	100.000	83.904	16.1	78	0.00
16 M	Carbon Disulfide	20.000	17.402	13.0	83	0.00
17	Allyl chloride	20.000	18.312	8.4	83	0.00
18 M	Methylene Chloride	20.000	19.591	2.0	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.064	4.7	92	0.00
20 T	Diisopropyl ether	20.000	19.500	2.5	89	-0.01
21 M	1,1-Dichloroethane	20.000	19.564	2.2	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.345	3.3	91	0.00
23 M	tert-Butyl Alcohol	100.000	69.635	30.4#	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.351	8.2	85	0.00
25 M	Chloroform	20.000	19.829	0.9	93	0.00
26	Cyclohexane	20.000	18.045	9.8	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.115	3.0	90	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	20.319	-1.6	88	0.00
30 M	2-Butanone	100.000	95.548	4.5	82	0.00
31	2,2-Dichloropropane	20.000	19.191	4.0	84	0.00
32 M	1,1,1-Trichloroethane	20.000	20.539	-2.7	89	0.00
33 M	Carbon Tetrachloride	20.000	20.588	-2.9	89	0.00
34 M	Benzene	20.000	21.031	-5.2	92	0.00
35	Methacrylonitrile	20.000	19.757	1.2	85	0.00
36 M	1,2-Dichloroethane	20.000	21.705	-8.5	94	0.00
37 M	Trichloroethene	20.000	20.355	-1.8	91	0.00
38	Methylcyclohexane	20.000	18.323	8.4	81	0.00
39 M	1,2-Dichloropropane	20.000	20.994	-5.0	92	0.00
40	Dibromomethane	20.000	21.891	-9.5	97	0.00
41 M	Bromodichloromethane	20.000	21.291	-6.5	94	0.00
42 M	Vinyl Acetate	100.000	98.888	1.1	85	0.00
43	Ethyl Acetate	20.000	21.718	-8.6	96	0.00
44	Isopropyl Acetate	20.000	18.850	5.7	86	0.00
45 T	1,4-Dioxane	400.000	354.340	11.4	75	0.00
46	Methyl methacrylate	20.000	19.808	1.0	85	0.00
47	n-amyl Acetate	20.000	19.475	2.6	83	0.00
48 M	t-1,3-Dichloropropene	20.000	19.751	1.2	85	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.370	-1.9	89	0.00
50 M	1,1,2-Trichloroethane	20.000	21.425	-7.1	94	0.00
51	Ethyl methacrylate	20.000	19.649	1.8	83	0.00
52	1,3-Dichloropropane	20.000	21.141	-5.7	93	0.00
53 M	Dibromochloromethane	20.000	21.120	-5.6	91	0.00
54 M	1,2-Dibromoethane	20.000	20.491	-2.5	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.562	-4.6	96	0.00
56 M	Bromoform	20.000	20.723	-3.6	90	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.399	-2.4	87	0.00
59 M	2-Hexanone	100.000	97.097	2.9	83	0.00
60 S	4-Bromofluorobenzene	30.000	29.787	0.7	85	0.00
61 M	Tetrachloroethene	20.000	20.279	-1.4	88	0.00
62 M	Toluene	20.000	20.790	-3.9	91	0.00
63 S	Toluene-d8	30.000	29.921	0.3	85	0.00
64 M	Chlorobenzene	20.000	20.113	-0.6	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.865	-4.3	91	0.00
66 M	Ethyl Benzene	20.000	19.802	1.0	86	0.00
67 M	m/p-Xylenes	40.000	40.986	-2.5	88	0.00
68 M	o-Xylene	20.000	20.267	-1.3	89	0.00
69 M	Styrene	20.000	21.071	-5.4	90	0.00
70	Isopropylbenzene	20.000	20.042	-0.2	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.075	-5.4	92	0.00
72	1,2,3-Trichloropropane	20.000	19.979	0.1	88	0.00
73	Bromobenzene	20.000	20.404	-2.0	87	0.00
74	n-propylbenzene	20.000	20.093	-0.5	87	0.00
75	2-Chlorotoluene	20.000	20.023	-0.1	86	0.00
76	1,3,5-Trimethylbenzene	20.000	20.726	-3.6	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.185	4.1	81	0.00
78	4-Chlorotoluene	20.000	20.183	-0.9	86	0.00
79	tert-butylbenzene	20.000	20.112	-0.6	88	0.00
80	1,2,4-Trimethylbenzene	20.000	20.963	-4.8	90	0.00
81	sec-Butylbenzene	20.000	20.496	-2.5	89	0.00
82	p-Isopropyltoluene	20.000	19.875	0.6	86	0.00
83 M	1,3-Dichlorobenzene	20.000	21.414	-7.1	92	0.00
84 M	1,4-Dichlorobenzene	20.000	20.141	-0.7	88	0.00
85	n-Butylbenzene	20.000	18.431	7.8	80	0.00
86 T	Hexachloroethane	20.000	20.070	-0.4	90	0.00
87 M	1,2-Dichlorobenzene	20.000	20.506	-2.5	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.111	-0.6	83	0.00
89	1,2,4-Trichlorobenzene	20.000	16.246	18.8	69	0.00
90	Hexachlorobutadiene	20.000	19.443	2.8	84	0.00
91 M	Naphthalene	20.000	13.261	33.7#	57	0.00
92	1,2,3-Trichlorobenzene	20.000	16.246	18.8	69	0.00

(#) = Out of Range

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