

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
 Data File : VN079605.D
 Acq On : 18 Oct 2023 17:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 19 06:17:01 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	93	-0.01
2 M	Dichlorodifluoromethane	20.000	19.432	2.8	88	0.00
3 M	Chloromethane	20.000	18.452	7.7	84	0.00
4 M	Vinyl Chloride	20.000	19.221	3.9	88	0.00
5 M	Bromomethane	20.000	16.886	15.6	78	0.01
6 M	Chloroethane	20.000	19.014	4.9	87	0.00
7 M	Trichlorofluoromethane	20.000	19.933	0.3	91	0.00
8 T	Diethyl Ether	20.000	18.334	8.3	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.843	0.8	92	0.00
10 M	1,1-Dichloroethene	20.000	18.622	6.9	85	0.00
11	Methyl Iodide	20.000	19.265	3.7	90	0.00
12	Methyl Acetate	20.000	18.016	9.9	83	0.00
13 M	Acrolein	100.000	98.750	1.3	90	0.00
14 M	Acrylonitrile	100.000	94.714	5.3	87	0.00
15 M	Acetone	100.000	86.918	13.1	78	0.00
16 M	Carbon Disulfide	20.000	18.543	7.3	86	0.00
17	Allyl chloride	20.000	17.642	11.8	77	0.00
18 M	Methylene Chloride	20.000	20.050	-0.3	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.798	1.0	92	0.00
20 T	Diisopropyl ether	20.000	19.506	2.5	86	0.00
21 M	1,1-Dichloroethane	20.000	19.669	1.7	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.022	4.9	87	0.00
23 M	tert-Butyl Alcohol	100.000	71.033	29.0#	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.617	6.9	84	0.00
25 M	Chloroform	20.000	19.878	0.6	90	0.00
26	Cyclohexane	20.000	18.176	9.1	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.428	1.9	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	20.239	-1.2	88	0.00
30 M	2-Butanone	100.000	89.020	11.0	76	0.00
31	2,2-Dichloropropane	20.000	19.656	1.7	86	0.00
32 M	1,1,1-Trichloroethane	20.000	20.010	-0.1	87	0.00
33 M	Carbon Tetrachloride	20.000	20.093	-0.5	87	0.00
34 M	Benzene	20.000	20.552	-2.8	90	0.00
35	Methacrylonitrile	20.000	19.210	3.9	82	0.00
36 M	1,2-Dichloroethane	20.000	20.815	-4.1	90	0.00
37 M	Trichloroethene	20.000	20.164	-0.8	90	0.00
38	Methylcyclohexane	20.000	19.176	4.1	84	0.00
39 M	1,2-Dichloropropane	20.000	20.200	-1.0	88	0.00
40	Dibromomethane	20.000	20.529	-2.6	90	0.00
41 M	Bromodichloromethane	20.000	20.732	-3.7	91	0.00
42 M	Vinyl Acetate	100.000	96.081	3.9	82	0.00
43	Ethyl Acetate	20.000	20.747	-3.7	91	0.00
44	Isopropyl Acetate	20.000	17.566	12.2	79	0.00
45 T	1,4-Dioxane	400.000	341.791	14.6	72	0.00
46	Methyl methacrylate	20.000	19.340	3.3	82	0.00
47	n-amyl Acetate	20.000	17.707	11.5	75	0.00
48 M	t-1,3-Dichloropropene	20.000	18.972	5.1	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.253	3.7	84	0.00
50 M	1,1,2-Trichloroethane	20.000	20.645	-3.2	91	0.00
51	Ethyl methacrylate	20.000	18.049	9.8	76	0.00
52	1,3-Dichloropropane	20.000	20.092	-0.5	88	0.00
53 M	Dibromochloromethane	20.000	20.251	-1.3	87	0.00
54 M	1,2-Dibromoethane	20.000	19.387	3.1	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.361	15.6	77	0.00
56 M	Bromoform	20.000	20.159	-0.8	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.252	3.7	82	0.00
59 M	2-Hexanone	100.000	90.493	9.5	77	0.00
60 S	4-Bromofluorobenzene	30.000	30.424	-1.4	86	0.00
61 M	Tetrachloroethene	20.000	21.029	-5.1	91	0.00
62 M	Toluene	20.000	20.240	-1.2	89	0.00
63 S	Toluene-d8	30.000	30.743	-2.5	88	0.00
64 M	Chlorobenzene	20.000	19.561	2.2	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.004	-0.0	88	0.00
66 M	Ethyl Benzene	20.000	19.400	3.0	84	0.00
67 M	m/p-Xylenes	40.000	40.980	-2.4	88	0.00
68 M	o-Xylene	20.000	19.596	2.0	86	0.00
69 M	Styrene	20.000	20.286	-1.4	86	0.00
70	Isopropylbenzene	20.000	19.826	0.9	86	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.845	0.8	86	0.00
72	1,2,3-Trichloropropane	20.000	18.989	5.1	83	0.00
73	Bromobenzene	20.000	20.155	-0.8	86	0.00
74	n-propylbenzene	20.000	20.319	-1.6	88	0.00
75	2-Chlorotoluene	20.000	19.786	1.1	85	0.00
76	1,3,5-Trimethylbenzene	20.000	20.406	-2.0	87	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.949	10.3	76	0.00
78	4-Chlorotoluene	20.000	19.845	0.8	85	0.00
79	tert-butylbenzene	20.000	19.721	1.4	86	0.00
80	1,2,4-Trimethylbenzene	20.000	20.432	-2.2	88	0.00
81	sec-Butylbenzene	20.000	20.681	-3.4	90	0.00
82	p-Isopropyltoluene	20.000	20.071	-0.4	86	0.00
83 M	1,3-Dichlorobenzene	20.000	20.078	-0.4	86	0.00
84 M	1,4-Dichlorobenzene	20.000	19.256	3.7	84	0.00
85	n-Butylbenzene	20.000	19.348	3.3	84	0.00
86 T	Hexachloroethane	20.000	20.638	-3.2	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.843	0.8	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.034	4.8	79	0.00
89	1,2,4-Trichlorobenzene	20.000	16.656	16.7	70	0.00
90	Hexachlorobutadiene	20.000	19.744	1.3	85	0.00
91 M	Naphthalene	20.000	12.633	36.8#	55	0.00
92	1,2,3-Trichlorobenzene	20.000	16.656	16.7	70	0.00

(#) = Out of Range

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