

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062323\
 Data File : VN078385.D
 Acq On : 23 Jun 2023 18:03
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 24 01:25:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062323W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 24 00:59:50 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	75	0.00
2 M	Dichlorodifluoromethane	20.000	19.678	1.6	69	0.00
3 M	Chloromethane	20.000	20.391	-2.0	73	0.00
4 M	Vinyl Chloride	20.000	20.248	-1.2	71	0.00
5 M	Bromomethane	20.000	14.060	29.7#	50	0.00
6 M	Chloroethane	20.000	17.968	10.2	68	0.00
7 M	Trichlorofluoromethane	20.000	27.231	-36.2#	97	0.00
8 T	Diethyl Ether	20.000	19.388	3.1	69	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.488	2.6	71	0.00
10 M	1,1-Dichloroethene	20.000	19.935	0.3	73	0.00
11	Methyl Iodide	20.000	14.634	26.8#	53	0.00
12	Methyl Acetate	20.000	19.912	0.4	74	0.00
13 M	Acrolein	100.000	98.591	1.4	74	0.01
14 M	Acrylonitrile	100.000	101.836	-1.8	74	0.01
15 M	Acetone	100.000	97.050	3.0	64	0.00
16 M	Carbon Disulfide	20.000	18.530	7.3	67	0.00
17	Allyl chloride	20.000	19.183	4.1	70	0.00
18 M	Methylene Chloride	20.000	19.557	2.2	73	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.518	2.4	73	0.00
20 T	Diisopropyl ether	20.000	20.201	-1.0	75	0.00
21 M	1,1-Dichloroethane	20.000	19.524	2.4	71	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.893	0.5	72	0.00
23 M	tert-Butyl Alcohol	100.000	92.978	7.0	69	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.866	0.7	72	0.00
25 M	Chloroform	20.000	20.295	-1.5	75	0.00
26	Cyclohexane	20.000	19.011	4.9	69	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.075	-0.2	77	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	76	0.00
29	1,1-Dichloropropene	20.000	18.654	6.7	70	0.00
30 M	2-Butanone	100.000	100.184	-0.2	72	0.00
31	2,2-Dichloropropane	20.000	17.997	10.0	66	0.00
32 M	1,1,1-Trichloroethane	20.000	19.364	3.2	74	0.00
33 M	Carbon Tetrachloride	20.000	19.352	3.2	74	0.00
34 M	Benzene	20.000	19.431	2.8	72	0.00
35	Methacrylonitrile	20.000	20.462	-2.3	77	0.00
36 M	1,2-Dichloroethane	20.000	19.033	4.8	72	0.00
37 M	Trichloroethene	20.000	19.113	4.4	70	0.00
38	Methylcyclohexane	20.000	18.356	8.2	66	0.00
39 M	1,2-Dichloropropane	20.000	19.492	2.5	73	0.00
40	Dibromomethane	20.000	19.531	2.3	74	0.00
41 M	Bromodichloromethane	20.000	19.642	1.8	73	0.00
42 M	Vinyl Acetate	100.000	97.492	2.5	71	0.00
43	Ethyl Acetate	20.000	21.154	-5.8	82	0.00
44	Isopropyl Acetate	20.000	20.533	-2.7	79	0.00
45 T	1,4-Dioxane	400.000	388.319	2.9	77	0.00
46	Methyl methacrylate	20.000	19.460	2.7	68	0.00
47	n-amyl Acetate	20.000	19.880	0.6	73	0.00
48 M	t-1,3-Dichloropropene	20.000	18.858	5.7	69	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.955	5.2	69	0.00
50 M	1,1,2-Trichloroethane	20.000	19.591	2.0	72	0.00
51	Ethyl methacrylate	20.000	19.384	3.1	71	0.00
52	1,3-Dichloropropane	20.000	19.917	0.4	75	0.00
53 M	Dibromochloromethane	20.000	19.493	2.5	71	0.00
54 M	1,2-Dibromoethane	20.000	19.986	0.1	74	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.577	-10.6	84	0.00
56 M	Bromoform	20.000	19.624	1.9	73	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.690	-1.7	75	0.00
59 M	2-Hexanone	100.000	103.874	-3.9	75	0.00
60 S	4-Bromofluorobenzene	30.000	29.830	0.6	75	0.00
61 M	Tetrachloroethene	20.000	18.838	5.8	71	0.00
62 M	Toluene	20.000	19.435	2.8	71	0.00
63 S	Toluene-d8	30.000	29.322	2.3	75	0.00
64 M	Chlorobenzene	20.000	19.426	2.9	72	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.112	4.4	71	0.00
66 M	Ethyl Benzene	20.000	19.359	3.2	71	0.00
67 M	m/p-Xylenes	40.000	38.935	2.7	71	0.00
68 M	o-Xylene	20.000	19.887	0.6	72	0.00
69 M	Styrene	20.000	19.618	1.9	71	0.00
70	Isopropylbenzene	20.000	19.256	3.7	71	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.630	-3.1	76	0.00
72	1,2,3-Trichloropropane	20.000	19.239	3.8	74	0.00
73	Bromobenzene	20.000	19.124	4.4	70	0.00
74	n-propylbenzene	20.000	18.984	5.1	69	0.00
75	2-Chlorotoluene	20.000	19.010	4.9	72	0.00
76	1,3,5-Trimethylbenzene	20.000	18.646	6.8	71	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.145	14.3	61	0.00
78	4-Chlorotoluene	20.000	18.478	7.6	71	0.00
79	tert-butylbenzene	20.000	19.400	3.0	72	0.00
80	1,2,4-Trimethylbenzene	20.000	19.759	1.2	72	0.00
81	sec-Butylbenzene	20.000	19.164	4.2	69	0.00
82	p-Isopropyltoluene	20.000	19.848	0.8	71	0.00
83 M	1,3-Dichlorobenzene	20.000	19.798	1.0	73	0.00
84 M	1,4-Dichlorobenzene	20.000	19.064	4.7	70	0.00
85	n-Butylbenzene	20.000	18.619	6.9	63	0.00
86 T	Hexachloroethane	20.000	18.931	5.3	71	0.00
87 M	1,2-Dichlorobenzene	20.000	20.075	-0.4	74	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.092	-0.5	77	0.00
89	1,2,4-Trichlorobenzene	20.000	17.018	14.9	59	0.00
90	Hexachlorobutadiene	20.000	17.766	11.2	61	0.00
91 M	Naphthalene	20.000	16.516	17.4	59	0.00
92	1,2,3-Trichlorobenzene	20.000	18.290	8.6	65	0.00

(#) = Out of Range

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