

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076601.D
 Acq On : 10 Feb 2023 10:10
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 00:48:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020923W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 10 05:40:47 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	108	0.00
2 M	Dichlorodifluoromethane	20.000	17.607	12.0	90	0.00
3 M	Chloromethane	20.000	16.039	19.8	96	0.00
4 M	Vinyl Chloride	20.000	16.790	16.1	104	0.00
5 M	Bromomethane	20.000	19.636	1.8	123	0.02
6 M	Chloroethane	20.000	18.137	9.3	105	0.00
7 M	Trichlorofluoromethane	20.000	18.498	7.5	101	0.00
8 T	Diethyl Ether	20.000	19.228	3.9	102	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.485	2.6	106	0.00
10 M	1,1-Dichloroethene	20.000	19.052	4.7	99	0.00
11	Methyl Iodide	20.000	18.885	5.6	101	-0.01
12	Methyl Acetate	20.000	18.111	9.4	100	0.00
13 M	Acrolein	100.000	94.264	5.7	100	0.00
14 M	Acrylonitrile	100.000	93.335	6.7	102	-0.01
15 M	Acetone	100.000	90.627	9.4	98	-0.01
16 M	Carbon Disulfide	20.000	18.760	6.2	100	0.00
17	Allyl chloride	20.000	20.809	-4.0	113	0.00
18 M	Methylene Chloride	20.000	19.171	4.1	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.706	1.5	101	0.00
20 T	Diisopropyl ether	20.000	18.137	9.3	101	0.00
21 M	1,1-Dichloroethane	20.000	17.998	10.0	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.846	5.8	99	0.00
23 M	tert-Butyl Alcohol	100.000	92.700	7.3	96	-0.03
24 M	Methyl tert-Butyl Ether	20.000	19.709	1.5	102	0.00
25 M	Chloroform	20.000	18.254	8.7	100	0.00
26	Cyclohexane	20.000	17.082	14.6	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.325	2.3	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	107	0.00
29	1,1-Dichloropropene	20.000	19.592	2.0	104	0.00
30 M	2-Butanone	100.000	95.762	4.2	100	-0.02
31	2,2-Dichloropropane	20.000	20.752	-3.8	107	0.00
32 M	1,1,1-Trichloroethane	20.000	19.318	3.4	103	0.00
33 M	Carbon Tetrachloride	20.000	19.494	2.5	103	0.00
34 M	Benzene	20.000	18.003	10.0	99	0.00
35	Methacrylonitrile	20.000	19.432	2.8	106	0.00
36 M	1,2-Dichloroethane	20.000	19.918	0.4	105	0.00
37 M	Trichloroethene	20.000	19.352	3.2	99	0.00
38	Methylcyclohexane	20.000	19.528	2.4	97	0.00
39 M	1,2-Dichloropropane	20.000	19.804	1.0	103	0.00
40	Dibromomethane	20.000	20.060	-0.3	102	0.00
41 M	Bromodichloromethane	20.000	20.322	-1.6	101	0.00
42 M	Vinyl Acetate	100.000	94.986	5.0	105	0.00
43	Ethyl Acetate	20.000	18.125	9.4	93	-0.01
44	Isopropyl Acetate	20.000	18.887	5.6	104	0.00
45 T	1,4-Dioxane	400.000	365.197	8.7	88	0.00
46	Methyl methacrylate	20.000	19.505	2.5	103	0.00
47	n-amyl Acetate	20.000	19.508	2.5	103	0.00
48 M	t-1,3-Dichloropropene	20.000	20.365	-1.8	103	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.154	-0.8	103	0.00
50 M	1,1,2-Trichloroethane	20.000	19.591	2.0	100	0.00
51	Ethyl methacrylate	20.000	20.409	-2.0	104	0.00
52	1,3-Dichloropropane	20.000	19.580	2.1	100	0.00
53 M	Dibromochloromethane	20.000	20.372	-1.9	103	0.00
54 M	1,2-Dibromoethane	20.000	20.216	-1.1	102	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.065	0.9	104	0.00
56 M	Bromoform	20.000	20.354	-1.8	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.678	9.3	99	0.00
59 M	2-Hexanone	100.000	92.271	7.7	100	0.00
60 S	4-Bromofluorobenzene	30.000	26.935	10.2	104	0.00
61 M	Tetrachloroethene	20.000	18.681	6.6	96	0.00
62 M	Toluene	20.000	18.569	7.2	100	0.00
63 S	Toluene-d8	30.000	29.020	3.3	103	0.00
64 M	Chlorobenzene	20.000	19.007	5.0	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.018	4.9	104	0.00
66 M	Ethyl Benzene	20.000	18.882	5.6	100	0.00
67 M	m/p-Xylenes	40.000	37.958	5.1	101	0.00
68 M	o-Xylene	20.000	18.648	6.8	98	0.00
69 M	Styrene	20.000	19.208	4.0	102	0.00
70	Isopropylbenzene	20.000	18.480	7.6	101	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.145	14.3	101	0.00
72	1,2,3-Trichloropropane	20.000	18.505	7.5	115	0.00
73	Bromobenzene	20.000	16.994	15.0	102	0.00
74	n-propylbenzene	20.000	16.996	15.0	100	0.00
75	2-Chlorotoluene	20.000	17.740	11.3	104	0.00
76	1,3,5-Trimethylbenzene	20.000	17.211	13.9	100	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.949	10.3	107	0.00
78	4-Chlorotoluene	20.000	16.742	16.3	102	0.00
79	tert-butylbenzene	20.000	17.202	14.0	98	0.00
80	1,2,4-Trimethylbenzene	20.000	17.538	12.3	102	0.00
81	sec-Butylbenzene	20.000	17.068	14.7	100	0.00
82	p-Isopropyltoluene	20.000	17.601	12.0	101	0.00
83 M	1,3-Dichlorobenzene	20.000	16.987	15.1	100	0.00
84 M	1,4-Dichlorobenzene	20.000	16.581	17.1	103	0.00
85	n-Butylbenzene	20.000	16.195	19.0	104	0.00
86 T	Hexachloroethane	20.000	16.610	17.0	103	0.00
87 M	1,2-Dichlorobenzene	20.000	15.643	21.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.738	6.3	101	0.01
89	1,2,4-Trichlorobenzene	20.000	18.828	5.9	103	0.00
90	Hexachlorobutadiene	20.000	18.843	5.8	101	0.00
91 M	Naphthalene	20.000	18.322	8.4	97	0.00
92	1,2,3-Trichlorobenzene	20.000	16.908	15.5	91	0.00

(#) = Out of Range

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