

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021023\
 Data File : VN076618.D
 Acq On : 10 Feb 2023 18:45
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 00:59:28 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.313	8.4	89	0.00
3 M	Chloromethane	20.000	11.603	42.0#	66	0.00
4 M	Vinyl Chloride	20.000	11.684	41.6#	69	0.00
5 M	Bromomethane	20.000	10.554	47.2#	63	0.02
6 M	Chloroethane	20.000	11.324	43.4#	69	0.00
7 M	Trichlorofluoromethane	20.000	16.692	16.5	87	0.00
8 T	Diethyl Ether	20.000	18.057	9.7	91	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.363	8.2	94	0.00
10 M	1,1-Dichloroethene	20.000	18.219	8.9	90	0.00
11	Methyl Iodide	20.000	17.239	13.8	88	0.00
12	Methyl Acetate	20.000	16.784	16.1	88	0.00
13 M	Acrolein	100.000	77.794	22.2	78	-0.01
14 M	Acrylonitrile	100.000	88.187	11.8	91	0.00
15 M	Acetone	100.000	80.455	19.5	82	-0.01
16 M	Carbon Disulfide	20.000	18.611	6.9	94	0.00
17	Allyl chloride	20.000	17.553	12.2	90	0.00
18 M	Methylene Chloride	20.000	18.919	5.4	94	-0.01
19 M	trans-1,2-Dichloroethene	20.000	19.040	4.8	93	-0.01
20 T	Diisopropyl ether	20.000	16.192	19.0	86	-0.01
21 M	1,1-Dichloroethane	20.000	16.537	17.3	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.645	6.8	93	0.00
23 M	tert-Butyl Alcohol	100.000	83.087	16.9	82	-0.03
24 M	Methyl tert-Butyl Ether	20.000	18.427	7.9	90	0.00
25 M	Chloroform	20.000	17.112	14.4	89	0.00
26	Cyclohexane	20.000	16.122	19.4	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	24.739	17.5	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.465	7.7	91	0.00
30 M	2-Butanone	100.000	87.573	12.4	84	-0.01
31	2,2-Dichloropropane	20.000	17.093	14.5	81	0.00
32 M	1,1,1-Trichloroethane	20.000	18.015	9.9	88	0.00
33 M	Carbon Tetrachloride	20.000	18.418	7.9	89	0.00
34 M	Benzene	20.000	18.357	8.2	93	0.00
35	Methacrylonitrile	20.000	18.413	7.9	93	0.00
36 M	1,2-Dichloroethane	20.000	17.735	11.3	87	0.00
37 M	Trichloroethene	20.000	20.732	-3.7	98	0.00
38	Methylcyclohexane	20.000	19.638	1.8	90	0.00
39 M	1,2-Dichloropropane	20.000	20.468	-2.3	98	0.00
40	Dibromomethane	20.000	19.962	0.2	94	0.00
41 M	Bromodichloromethane	20.000	19.366	3.2	89	0.00
42 M	Vinyl Acetate	100.000	85.003	15.0	86	0.00
43	Ethyl Acetate	20.000	18.419	7.9	87	0.00
44	Isopropyl Acetate	20.000	17.281	13.6	88	0.00
45 T	1,4-Dioxane	400.000	399.543	0.1	88	0.00
46	Methyl methacrylate	20.000	17.767	11.2	87	0.00
47	n-amyl Acetate	20.000	17.443	12.8	85	0.00
48 M	t-1,3-Dichloropropene	20.000	18.608	7.0	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.998	5.0	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.585	-2.9	97	0.00
51	Ethyl methacrylate	20.000	19.464	2.7	92	0.00
52	1,3-Dichloropropane	20.000	19.708	1.5	93	0.00
53 M	Dibromochloromethane	20.000	21.308	-6.5	99	0.00
54 M	1,2-Dibromoethane	20.000	20.156	-0.8	93	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.975	3.0	94	0.00
56 M	Bromoform	20.000	20.648	-3.2	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	84.349	15.7	87	0.00
59 M	2-Hexanone	100.000	85.311	14.7	88	0.00
60 S	4-Bromofluorobenzene	30.000	26.155	12.8	96	0.00
61 M	Tetrachloroethene	20.000	19.477	2.6	95	0.00
62 M	Toluene	20.000	18.698	6.5	96	0.00
63 S	Toluene-d8	30.000	28.778	4.1	97	0.00
64 M	Chlorobenzene	20.000	19.248	3.8	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.944	5.3	98	0.00
66 M	Ethyl Benzene	20.000	18.440	7.8	93	0.00
67 M	m/p-Xylenes	40.000	38.110	4.7	97	0.00
68 M	o-Xylene	20.000	19.472	2.6	97	0.00
69 M	Styrene	20.000	19.841	0.8	100	0.00
70	Isopropylbenzene	20.000	18.473	7.6	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.330	13.4	97	0.00
72	1,2,3-Trichloropropane	20.000	18.278	8.6	108	0.00
73	Bromobenzene	20.000	17.522	12.4	99	0.00
74	n-propylbenzene	20.000	16.986	15.1	95	0.00
75	2-Chlorotoluene	20.000	16.646	16.8	93	0.00
76	1,3,5-Trimethylbenzene	20.000	17.175	14.1	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.599	17.0	94	0.01
78	4-Chlorotoluene	20.000	16.238	18.8	94	0.00
79	tert-butylbenzene	20.000	17.561	12.2	95	0.00
80	1,2,4-Trimethylbenzene	20.000	17.339	13.3	96	0.00
81	sec-Butylbenzene	20.000	17.422	12.9	97	0.00
82	p-Isopropyltoluene	20.000	17.613	11.9	96	0.00
83 M	1,3-Dichlorobenzene	20.000	17.290	13.6	97	0.00
84 M	1,4-Dichlorobenzene	20.000	17.636	11.8	104	0.00
85	n-Butylbenzene	20.000	15.190	24.1	93	0.00
86 T	Hexachloroethane	20.000	16.090	19.6	95	0.01
87 M	1,2-Dichlorobenzene	20.000	16.297	18.5	101	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.190	9.0	93	0.00
89	1,2,4-Trichlorobenzene	20.000	19.529	2.4	102	0.00
90	Hexachlorobutadiene	20.000	19.698	1.5	100	0.00
91 M	Naphthalene	20.000	19.501	2.5	98	0.00
92	1,2,3-Trichlorobenzene	20.000	19.944	0.3	102	0.00

(#) = Out of Range

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