

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021523\
 Data File : VN076683.D
 Acq On : 15 Feb 2023 13:30
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN021523

Quant Time: Feb 16 01:12:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	21.565	-7.8	109	0.00
3 M	Chloromethane	20.000	21.047	-5.2	109	0.00
4 M	Vinyl Chloride	20.000	21.239	-6.2	111	0.00
5 M	Bromomethane	20.000	22.146	-10.7	125	0.00
6 M	Chloroethane	20.000	20.521	-2.6	107	0.00
7 M	Trichlorofluoromethane	20.000	20.969	-4.8	110	0.00
8 T	Diethyl Ether	20.000	22.312	-11.6	121	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.142	-0.7	108	0.00
10 M	1,1-Dichloroethene	20.000	21.069	-5.3	114	0.00
11	Methyl Iodide	20.000	19.701	1.5	98	0.00
12	Methyl Acetate	20.000	21.212	-6.1	113	0.00
13 M	Acrolein	100.000	86.913	13.1	99	0.00
14 M	Acrylonitrile	100.000	104.708	-4.7	110	0.00
15 M	Acetone	100.000	107.754	-7.8	103	0.00
16 M	Carbon Disulfide	20.000	20.158	-0.8	109	0.00
17	Allyl chloride	20.000	20.103	-0.5	110	0.00
18 M	Methylene Chloride	20.000	20.493	-2.5	109	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.914	0.4	113	0.00
20 T	Diisopropyl ether	20.000	20.975	-4.9	110	0.00
21 M	1,1-Dichloroethane	20.000	21.470	-7.3	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.344	-6.7	112	0.00
23 M	tert-Butyl Alcohol	100.000	109.863	-9.9	112	-0.01
24 M	Methyl tert-Butyl Ether	20.000	21.016	-5.1	111	0.00
25 M	Chloroform	20.000	20.999	-5.0	108	0.00
26	Cyclohexane	20.000	21.450	-7.2	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.217	-7.4	113	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	114	0.00
29	1,1-Dichloropropene	20.000	20.523	-2.6	116	0.00
30 M	2-Butanone	100.000	98.787	1.2	106	0.00
31	2,2-Dichloropropane	20.000	20.332	-1.7	115	0.00
32 M	1,1,1-Trichloroethane	20.000	19.909	0.5	115	0.00
33 M	Carbon Tetrachloride	20.000	19.781	1.1	112	0.00
34 M	Benzene	20.000	19.749	1.3	110	0.00
35	Methacrylonitrile	20.000	19.048	4.8	109	0.00
36 M	1,2-Dichloroethane	20.000	20.132	-0.7	110	0.00
37 M	Trichloroethene	20.000	19.191	4.0	113	0.00
38	Methylcyclohexane	20.000	20.300	-1.5	113	0.00
39 M	1,2-Dichloropropane	20.000	19.953	0.2	115	0.00
40	Dibromomethane	20.000	19.351	3.2	108	0.00
41 M	Bromodichloromethane	20.000	19.405	3.0	109	0.00
42 M	Vinyl Acetate	100.000	101.705	-1.7	116	0.00
43	Ethyl Acetate	20.000	20.531	-2.7	115	0.00
44	Isopropyl Acetate	20.000	20.253	-1.3	111	0.00
45 T	1,4-Dioxane	400.000	393.749	1.6	113	0.00
46	Methyl methacrylate	20.000	20.918	-4.6	117	0.00
47	n-amyl Acetate	20.000	19.915	0.4	111	0.00
48 M	t-1,3-Dichloropropene	20.000	19.963	0.2	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.350	3.2	110	0.00
50 M	1,1,2-Trichloroethane	20.000	19.417	2.9	108	0.00
51	Ethyl methacrylate	20.000	19.771	1.1	110	0.00
52	1,3-Dichloropropane	20.000	19.486	2.6	109	0.00
53 M	Dibromochloromethane	20.000	19.716	1.4	112	0.00
54 M	1,2-Dibromoethane	20.000	19.942	0.3	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	84.293	15.7	98	0.00
56 M	Bromoform	20.000	18.948	5.3	110	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	117	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.335	0.7	109	0.00
59 M	2-Hexanone	100.000	99.615	0.4	108	0.00
60 S	4-Bromofluorobenzene	30.000	29.878	0.4	114	0.00
61 M	Tetrachloroethene	20.000	19.649	1.8	118	0.00
62 M	Toluene	20.000	19.769	1.2	112	0.00
63 S	Toluene-d8	30.000	29.746	0.8	113	0.00
64 M	Chlorobenzene	20.000	19.933	0.3	115	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.064	4.7	111	0.00
66 M	Ethyl Benzene	20.000	20.171	-0.9	114	0.00
67 M	m/p-Xylenes	40.000	40.208	-0.5	111	0.00
68 M	o-Xylene	20.000	19.966	0.2	112	0.00
69 M	Styrene	20.000	20.177	-0.9	113	0.00
70	Isopropylbenzene	20.000	20.212	-1.1	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.158	4.2	107	0.00
72	1,2,3-Trichloropropane	20.000	18.720	6.4	101	0.00
73	Bromobenzene	20.000	19.247	3.8	106	0.00
74	n-propylbenzene	20.000	20.244	-1.2	112	0.00
75	2-Chlorotoluene	20.000	20.410	-2.1	114	0.00
76	1,3,5-Trimethylbenzene	20.000	20.615	-3.1	115	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.197	4.0	110	0.00
78	4-Chlorotoluene	20.000	20.268	-1.3	113	0.00
79	tert-butylbenzene	20.000	20.356	-1.8	112	0.00
80	1,2,4-Trimethylbenzene	20.000	20.841	-4.2	115	0.00
81	sec-Butylbenzene	20.000	20.856	-4.3	114	0.00
82	p-Isopropyltoluene	20.000	20.386	-1.9	112	0.00
83 M	1,3-Dichlorobenzene	20.000	20.110	-0.5	115	0.00
84 M	1,4-Dichlorobenzene	20.000	20.231	-1.2	114	0.00
85	n-Butylbenzene	20.000	20.764	-3.8	118	0.00
86 T	Hexachloroethane	20.000	19.292	3.5	109	0.00
87 M	1,2-Dichlorobenzene	20.000	19.925	0.4	115	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.350	3.2	104	0.00
89	1,2,4-Trichlorobenzene	20.000	19.252	3.7	115	0.00
90	Hexachlorobutadiene	20.000	19.383	3.1	117	0.00
91 M	Naphthalene	20.000	20.261	-1.3	118	0.00
92	1,2,3-Trichlorobenzene	20.000	19.337	3.3	117	0.00

(#) = Out of Range

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