

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068690.D
 Acq On : 26 Sep 2021 1:58
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVU092521

Quant Time: Sep 27 07:15:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092521W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 07:10:18 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	125	0.00
2 M	Dichlorodifluoromethane	20.000	24.226	-21.1	140	0.00
3 M	Chloromethane	20.000	27.136	-35.7#	161	0.00
4 M	Vinyl Chloride	20.000	25.825	-29.1	144	0.00
5 M	Bromomethane	20.000	23.735	-18.7	133	0.00
6 M	Chloroethane	20.000	22.684	-13.4	128	0.00
7 M	Trichlorofluoromethane	20.000	24.583	-22.9	144	0.00
8 T	Diethyl Ether	20.000	24.147	-20.7	148	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	23.726	-18.6	140	0.00
10 M	1,1-Dichloroethene	20.000	23.375	-16.9	141	0.00
11	Methyl Iodide	20.000	20.303	-1.5	126	0.00
12	Methyl Acetate	20.000	23.618	-18.1	144	0.00
13 M	Acrolein	100.000	131.132	-31.1#	182	0.00
14 M	Acrylonitrile	100.000	117.753	-17.8	143	0.00
15 M	Acetone	100.000	118.250	-18.3	141	0.00
16 M	Carbon Disulfide	20.000	23.471	-17.4	143	0.00
17	Allyl chloride	20.000	23.844	-19.2	149	0.00
18 M	Methylene Chloride	20.000	23.265	-16.3	142	0.00
19 M	trans-1,2-Dichloroethene	20.000	23.182	-15.9	139	0.00
20 T	Diisopropyl ether	20.000	23.923	-19.6	147	0.00
21 M	1,1-Dichloroethane	20.000	23.381	-16.9	140	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.644	-3.2	126	0.00
23 M	tert-Butyl Alcohol	100.000	123.806	-23.8	153	0.00
24 M	Methyl tert-Butyl Ether	20.000	24.018	-20.1	147	0.00
25 M	Chloroform	20.000	20.537	-2.7	127	0.00
26	Cyclohexane	20.000	18.824	5.9	126	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.392	-11.3	139	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	126	0.00
29	1,1-Dichloropropene	20.000	18.749	6.3	124	0.00
30 M	2-Butanone	100.000	103.874	-3.9	132	0.00
31	2,2-Dichloropropane	20.000	19.960	0.2	127	0.00
32 M	1,1,1-Trichloroethane	20.000	19.189	4.1	132	0.00
33 M	Carbon Tetrachloride	20.000	19.370	3.1	129	0.00
34 M	Benzene	20.000	19.213	3.9	124	0.00
35	Methacrylonitrile	20.000	19.213	3.9	124	0.00
36 M	1,2-Dichloroethane	20.000	20.196	-1.0	137	0.00
37 M	Trichloroethene	20.000	18.850	5.7	120	0.00
38	Methylcyclohexane	20.000	18.960	5.2	124	0.00
39 M	1,2-Dichloropropane	20.000	18.891	5.5	123	0.00
40	Dibromomethane	20.000	18.362	8.2	125	0.00
41 M	Bromodichloromethane	20.000	18.423	7.9	127	0.00
42 M	Vinyl Acetate	100.000	116.856	-16.9	147	0.00
43	Ethyl Acetate	20.000	19.329	3.4	131	0.00
44	Isopropyl Acetate	20.000	19.161	4.2	130	0.00
45 T	1,4-Dioxane	400.000	370.664	7.3	121	0.00
46	Methyl methacrylate	20.000	18.194	9.0	139	0.00
47	n-amyl Acetate	20.000	15.119	24.4	135	0.00
48 M	t-1,3-Dichloropropene	20.000	15.887	20.6	130	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.228	18.9	126	0.00
50 M	1,1,2-Trichloroethane	20.000	15.384	23.1	122	0.00
51	Ethyl methacrylate	20.000	15.077	24.6	133	0.00
52	1,3-Dichloropropane	20.000	15.395	23.0	126	0.00
53 M	Dibromochloromethane	20.000	15.592	22.0	127	0.00
54 M	1,2-Dibromoethane	20.000	15.770	21.2	128	0.00
55 M	2-Chloroethyl vinyl ether	100.000	62.677	37.3#	115	0.00
56 M	Bromoform	20.000	15.575	22.1	123	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	129	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.566	-4.6	131	0.00
59 M	2-Hexanone	100.000	97.356	2.6	133	0.00
60 S	4-Bromofluorobenzene	30.000	30.806	-2.7	134	0.00
61 M	Tetrachloroethene	20.000	19.502	2.5	121	0.00
62 M	Toluene	20.000	20.953	-4.8	128	0.00
63 S	Toluene-d8	30.000	32.435	-8.1	130	0.00
64 M	Chlorobenzene	20.000	19.341	3.3	126	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.981	0.1	129	0.00
66 M	Ethyl Benzene	20.000	19.585	2.1	130	0.00
67 M	m/p-Xylenes	40.000	39.251	1.9	128	0.00
68 M	o-Xylene	20.000	19.765	1.2	127	0.00
69 M	Styrene	20.000	19.504	2.5	128	0.00
70	Isopropylbenzene	20.000	20.283	-1.4	131	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.961	0.2	124	0.00
72	1,2,3-Trichloropropane	20.000	19.834	0.8	130	0.00
73	Bromobenzene	20.000	19.885	0.6	124	0.00
74	n-propylbenzene	20.000	19.931	0.3	129	0.00
75	2-Chlorotoluene	20.000	20.168	-0.8	130	0.00
76	1,3,5-Trimethylbenzene	20.000	20.730	-3.7	130	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.336	8.3	124	0.00
78	4-Chlorotoluene	20.000	20.351	-1.8	132	0.00
79	tert-butylbenzene	20.000	20.941	-4.7	130	0.00
80	1,2,4-Trimethylbenzene	20.000	21.120	-5.6	129	0.00
81	sec-Butylbenzene	20.000	20.731	-3.7	128	0.00
82	p-Isopropyltoluene	20.000	20.785	-3.9	127	0.00
83 M	1,3-Dichlorobenzene	20.000	20.826	-4.1	125	0.00
84 M	1,4-Dichlorobenzene	20.000	21.018	-5.1	128	0.00
85	n-Butylbenzene	20.000	20.115	-0.6	130	0.00
86 T	Hexachloroethane	20.000	20.777	-3.9	126	0.00
87 M	1,2-Dichlorobenzene	20.000	21.014	-5.1	127	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.829	-9.1	134	0.00
89	1,2,4-Trichlorobenzene	20.000	20.054	-0.3	127	0.00
90	Hexachlorobutadiene	20.000	20.366	-1.8	117	0.00
91 M	Naphthalene	20.000	20.945	-4.7	143	0.00
92	1,2,3-Trichlorobenzene	20.000	20.881	-4.4	128	0.00

(#) = Out of Range

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