

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092821\
 Data File : VN068732.D
 Acq On : 28 Sep 2021 21:19
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 29 05:18:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 05:13:39 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	18.100	9.5	78	0.00
3 M	Chloromethane	20.000	20.963	-4.8	91	0.00
4 M	Vinyl Chloride	20.000	21.107	-5.5	94	0.00
5 M	Bromomethane	20.000	21.257	-6.3	90	0.00
6 M	Chloroethane	20.000	21.218	-6.1	93	0.00
7 M	Trichlorofluoromethane	20.000	19.826	0.9	86	0.00
8 T	Diethyl Ether	20.000	20.043	-0.2	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.587	7.1	82	0.00
10 M	1,1-Dichloroethene	20.000	19.444	2.8	87	0.00
11	Methyl Iodide	20.000	18.447	7.8	85	0.00
12	Methyl Acetate	20.000	19.751	1.2	87	0.00
13 M	Acrolein	100.000	87.441	12.6	80	0.00
14 M	Acrylonitrile	100.000	98.897	1.1	90	0.00
15 M	Acetone	100.000	95.182	4.8	78	0.00
16 M	Carbon Disulfide	20.000	18.876	5.6	84	0.00
17	Allyl chloride	20.000	19.280	3.6	85	0.00
18 M	Methylene Chloride	20.000	20.048	-0.2	90	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.954	5.2	85	0.00
20 T	Diisopropyl ether	20.000	19.604	2.0	89	0.00
21 M	1,1-Dichloroethane	20.000	20.080	-0.4	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.242	3.8	90	0.00
23 M	tert-Butyl Alcohol	100.000	99.259	0.7	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.381	3.1	89	0.00
25 M	Chloroform	20.000	19.845	0.8	91	0.00
26	Cyclohexane	20.000	18.709	6.5	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.517	-5.1	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	18.596	7.0	89	0.00
30 M	2-Butanone	100.000	95.303	4.7	87	0.00
31	2,2-Dichloropropane	20.000	16.889	15.6	79	0.00
32 M	1,1,1-Trichloroethane	20.000	19.077	4.6	89	0.00
33 M	Carbon Tetrachloride	20.000	18.701	6.5	89	0.00
34 M	Benzene	20.000	19.281	3.6	90	0.00
35	Methacrylonitrile	20.000	17.351	13.2	78	0.00
36 M	1,2-Dichloroethane	20.000	19.468	2.7	90	0.00
37 M	Trichloroethene	20.000	18.922	5.4	87	0.00
38	Methylcyclohexane	20.000	17.823	10.9	84	0.00
39 M	1,2-Dichloropropane	20.000	19.512	2.4	90	0.00
40	Dibromomethane	20.000	19.431	2.8	92	0.00
41 M	Bromodichloromethane	20.000	19.470	2.7	93	0.00
42 M	Vinyl Acetate	100.000	95.188	4.8	90	0.00
43	Ethyl Acetate	20.000	19.548	2.3	97	0.00
44	Isopropyl Acetate	20.000	19.720	1.4	92	0.00
45 T	1,4-Dioxane	400.000	381.208	4.7	87	0.00
46	Methyl methacrylate	20.000	19.115	4.4	95	0.00
47	n-amyl Acetate	20.000	17.704	11.5	87	0.00
48 M	t-1,3-Dichloropropene	20.000	17.978	10.1	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.216	8.9	87	0.00
50 M	1,1,2-Trichloroethane	20.000	19.404	3.0	91	0.00
51	Ethyl methacrylate	20.000	18.470	7.7	91	0.00
52	1,3-Dichloropropane	20.000	19.361	3.2	92	0.00
53 M	Dibromochloromethane	20.000	18.451	7.7	91	0.00
54 M	1,2-Dibromoethane	20.000	19.161	4.2	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	85.350	14.7	87	0.00
56 M	Bromoform	20.000	16.830	15.9	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.830	-2.8	94	0.00
59 M	2-Hexanone	100.000	98.940	1.1	88	0.00
60 S	4-Bromofluorobenzene	30.000	28.096	6.3	88	0.00
61 M	Tetrachloroethene	20.000	19.904	0.5	91	0.00
62 M	Toluene	20.000	19.685	1.6	89	0.00
63 S	Toluene-d8	30.000	31.907	-6.4	93	0.00
64 M	Chlorobenzene	20.000	19.001	5.0	88	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.550	2.2	90	0.00
66 M	Ethyl Benzene	20.000	18.822	5.9	88	0.00
67 M	m/p-Xylenes	40.000	37.359	6.6	88	0.00
68 M	o-Xylene	20.000	18.338	8.3	87	0.00
69 M	Styrene	20.000	18.118	9.4	88	0.00
70	Isopropylbenzene	20.000	18.362	8.2	87	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.337	3.3	89	0.00
72	1,2,3-Trichloropropane	20.000	18.419	7.9	82	0.00
73	Bromobenzene	20.000	18.145	9.3	88	0.00
74	n-propylbenzene	20.000	17.971	10.1	85	0.00
75	2-Chlorotoluene	20.000	18.312	8.4	87	0.00
76	1,3,5-Trimethylbenzene	20.000	18.279	8.6	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.439	17.8	81	0.00
78	4-Chlorotoluene	20.000	17.629	11.9	84	0.00
79	tert-butylbenzene	20.000	18.201	9.0	88	0.00
80	1,2,4-Trimethylbenzene	20.000	18.029	9.9	85	0.00
81	sec-Butylbenzene	20.000	17.878	10.6	86	0.00
82	p-Isopropyltoluene	20.000	17.188	14.1	84	0.00
83 M	1,3-Dichlorobenzene	20.000	17.158	14.2	84	0.00
84 M	1,4-Dichlorobenzene	20.000	17.370	13.1	84	0.00
85	n-Butylbenzene	20.000	16.950	15.3	83	0.00
86 T	Hexachloroethane	20.000	17.596	12.0	86	0.00
87 M	1,2-Dichlorobenzene	20.000	18.028	9.9	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.288	3.6	85	0.00
89	1,2,4-Trichlorobenzene	20.000	15.955	20.2	76	0.00
90	Hexachlorobutadiene	20.000	17.727	11.4	82	0.00
91 M	Naphthalene	20.000	15.142	24.3	65	0.00
92	1,2,3-Trichlorobenzene	20.000	16.226	18.9	73	0.00

(#) = Out of Range

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