

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010621\
 Data File : VN065413.D
 Acq On : 6 Jan 2021 20:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 07 01:18:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 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	158	0.01
2 M	Dichlorodifluoromethane	20.000	17.426	12.9	167	0.02
3 M	Chloromethane	20.000	19.209	4.0	168	0.02
4 M	Vinyl Chloride	20.000	19.362	3.2	168	0.02
5 M	Bromomethane	20.000	20.106	-0.5	180	0.02
6 M	Chloroethane	20.000	19.943	0.3	176	0.02
7 M	Trichlorofluoromethane	20.000	17.746	11.3	153	0.02
8 T	Diethyl Ether	20.000	20.164	-0.8	176	0.02
9	1,1,2-Trichlorotrifluoroeth	20.000	18.320	8.4	153	0.01
10 M	1,1-Dichloroethene	20.000	18.940	5.3	162	0.01
11	Methyl Iodide	20.000	18.890	5.5	170	0.00
12	Methyl Acetate	20.000	19.369	3.2	171	0.03
13 M	Acrolein	100.000	118.787	-18.8	231	0.02
14 M	Acrylonitrile	100.000	92.087	7.9	161	0.03
15 M	Acetone	100.000	85.589	14.4	128	0.02
16 M	Carbon Disulfide	20.000	16.681	16.6	146	0.00
17	Allyl chloride	20.000	16.163	19.2	139	0.00
18 M	Methylene Chloride	20.000	18.816	5.9	165	0.02
19 M	trans-1,2-Dichloroethene	20.000	17.974	10.1	156	0.00
20 T	Diisopropyl ether	20.000	17.433	12.8	151	0.02
21 M	1,1-Dichloroethane	20.000	17.958	10.2	155	0.01
22 M	cis-1,2-Dichloroethene	20.000	18.553	7.2	160	0.00
23 M	tert-Butyl Alcohol	100.000	77.159	22.8	134	0.06
24 M	Methyl tert-Butyl Ether	20.000	16.764	16.2	145	0.03
25 M	Chloroform	20.000	17.801	11.0	153	0.00
26	Cyclohexane	20.000	16.711	16.4	143	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.453	8.5	143	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	152	0.00
29	1,1-Dichloropropene	20.000	17.910	10.4	152	0.00
30 M	2-Butanone	100.000	83.801	16.2	135	0.03
31	2,2-Dichloropropane	20.000	14.561	27.2	122	0.00
32 M	1,1,1-Trichloroethane	20.000	17.061	14.7	145	0.00
33 M	Carbon Tetrachloride	20.000	16.448	17.8	140	0.00
34 M	Benzene	20.000	18.991	5.0	162	0.00
35	Methacrylonitrile	20.000	18.567	7.2	149	0.00
36 M	1,2-Dichloroethane	20.000	17.055	14.7	145	0.00
37 M	Trichloroethene	20.000	18.962	5.2	161	0.00
38	Methylcyclohexane	20.000	16.300	18.5	137	0.00
39 M	1,2-Dichloropropane	20.000	18.721	6.4	158	0.00
40	Dibromomethane	20.000	18.626	6.9	158	0.00
41 M	Bromodichloromethane	20.000	16.926	15.4	145	0.00
42 M	Vinyl Acetate	100.000	84.752	15.2	142	0.02
43	Ethyl Acetate	20.000	18.393	8.0	154	0.02
44	Isopropyl Acetate	20.000	16.332	18.3	139	0.00
45 T	1,4-Dioxane	400.000	376.526	5.9	164	0.00
46	Methyl methacrylate	20.000	16.116	19.4	138	0.00
47	n-amyl Acetate	20.000	15.740	21.3	138	0.00
48 M	t-1,3-Dichloropropene	20.000	16.318	18.4	141	0.00

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Dec 21 13:17:58 2020
 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)
49 T	cis-1,3-Dichloropropene	20.000	16.950	15.3	146	0.00
50 M	1,1,2-Trichloroethane	20.000	19.018	4.9	161	0.00
51	Ethyl methacrylate	20.000	17.259	13.7	151	0.00
52	1,3-Dichloropropane	20.000	18.800	6.0	161	0.00
53 M	Dibromochloromethane	20.000	16.865	15.7	146	0.00
54 M	1,2-Dibromoethane	20.000	18.550	7.2	161	0.00
55 M	2-Chloroethyl vinyl ether	100.000	73.935	26.1	147	0.00
56 M	Bromoform	20.000	16.365	18.2	143	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	156	0.00
58 M	4-Methyl-2-Pentanone	100.000	85.788	14.2	148	0.00
59 M	2-Hexanone	100.000	83.656	16.3	144	0.00
60 S	4-Bromofluorobenzene	30.000	28.304	5.7	150	0.00
61 M	Tetrachloroethene	20.000	19.476	2.6	162	0.00
62 M	Toluene	20.000	18.577	7.1	161	0.00
63 S	Toluene-d8	30.000	29.646	1.2	154	0.00
64 M	Chlorobenzene	20.000	18.911	5.4	165	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.672	11.6	154	0.00
66 M	Ethyl Benzene	20.000	17.851	10.7	156	0.00
67 M	m/p-Xylenes	40.000	36.234	9.4	157	0.00
68 M	o-Xylene	20.000	18.230	8.8	160	0.00
69 M	Styrene	20.000	18.038	9.8	161	0.00
70	Isopropylbenzene	20.000	18.023	9.9	157	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.781	6.1	167	0.00
72	1,2,3-Trichloropropane	20.000	18.027	9.9	149	0.00
73	Bromobenzene	20.000	19.077	4.6	169	0.00
74	n-propylbenzene	20.000	17.658	11.7	157	0.00
75	2-Chlorotoluene	20.000	18.075	9.6	160	0.00
76	1,3,5-Trimethylbenzene	20.000	17.751	11.2	156	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.480	27.6	130	0.00
78	4-Chlorotoluene	20.000	17.668	11.7	160	0.00
79	tert-butylbenzene	20.000	17.845	10.8	155	0.00
80	1,2,4-Trimethylbenzene	20.000	17.855	10.7	157	0.00
81	sec-Butylbenzene	20.000	17.497	12.5	156	0.00
82	p-Isopropyltoluene	20.000	17.132	14.3	152	0.00
83 M	1,3-Dichlorobenzene	20.000	18.439	7.8	168	0.00
84 M	1,4-Dichlorobenzene	20.000	18.302	8.5	167	0.00
85	n-Butylbenzene	20.000	16.015	19.9	142	0.00
86 T	Hexachloroethane	20.000	15.325	23.4	138	0.00
87 M	1,2-Dichlorobenzene	20.000	19.015	4.9	170	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.518	17.4	150	0.00
89	1,2,4-Trichlorobenzene	20.000	17.619	11.9	169	0.00
90	Hexachlorobutadiene	20.000	18.210	8.9	157	0.00
91 M	Naphthalene	20.000	17.187	14.1	166	0.00
92	1,2,3-Trichlorobenzene	20.000	19.234	3.8	183	0.00

(#) = Out of Range

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