

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068711.D
 Acq On : 27 Sep 2021 20:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 28 05:30:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:37:57 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	19.125	4.4	89	0.00
3 M	Chloromethane	20.000	17.940	10.3	81	0.00
4 M	Vinyl Chloride	20.000	17.348	13.3	81	0.00
5 M	Bromomethane	20.000	17.769	11.2	87	0.00
6 M	Chloroethane	20.000	17.701	11.5	82	0.00
7 M	Trichlorofluoromethane	20.000	17.630	11.9	81	0.00
8 T	Diethyl Ether	20.000	17.421	12.9	83	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.222	13.9	80	0.00
10 M	1,1-Dichloroethene	20.000	17.560	12.2	83	0.00
11	Methyl Iodide	20.000	16.170	19.1	81	0.00
12	Methyl Acetate	20.000	17.643	11.8	84	0.00
13 M	Acrolein	100.000	110.661	-10.7	135	0.00
14 M	Acrylonitrile	100.000	83.416	16.6	79	0.00
15 M	Acetone	100.000	77.870	22.1	71	0.00
16 M	Carbon Disulfide	20.000	16.781	16.1	81	0.00
17	Allyl chloride	20.000	16.950	15.3	81	0.00
18 M	Methylene Chloride	20.000	18.306	8.5	88	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.177	14.1	80	0.00
20 T	Diisopropyl ether	20.000	16.883	15.6	74	0.00
21 M	1,1-Dichloroethane	20.000	17.240	13.8	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.953	15.2	79	0.00
23 M	tert-Butyl Alcohol	100.000	87.525	12.5	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.279	13.6	79	0.00
25 M	Chloroform	20.000	16.554	17.2	83	0.00
26	Cyclohexane	20.000	16.238	18.8	81	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.610	8.0	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	93	0.00
29	1,1-Dichloropropene	20.000	14.874	25.6	82	0.00
30 M	2-Butanone	100.000	81.415	18.6	75	0.00
31	2,2-Dichloropropane	20.000	15.487	22.6	73	0.00
32 M	1,1,1-Trichloroethane	20.000	15.567	22.2	81	0.00
33 M	Carbon Tetrachloride	20.000	14.738	26.3	80	0.00
34 M	Benzene	20.000	16.490	17.6	82	0.00
35	Methacrylonitrile	20.000	16.772	16.1	79	0.00
36 M	1,2-Dichloroethane	20.000	15.881	20.6	79	0.00
37 M	Trichloroethene	20.000	17.111	14.4	85	0.00
38	Methylcyclohexane	20.000	13.572	32.1#	77	0.00
39 M	1,2-Dichloropropane	20.000	17.077	14.6	92	0.00
40	Dibromomethane	20.000	17.677	11.6	84	0.00
41 M	Bromodichloromethane	20.000	14.996	25.0	73	0.00
42 M	Vinyl Acetate	100.000	81.456	18.5	72	0.00
43	Ethyl Acetate	20.000	16.284	18.6	81	0.00
44	Isopropyl Acetate	20.000	16.246	18.8	78	0.00
45 T	1,4-Dioxane	400.000	347.442	13.1	84	0.00
46	Methyl methacrylate	20.000	17.025	14.9	81	0.00
47	n-amyl Acetate	20.000	20.514	-2.6	130	0.00
48 M	t-1,3-Dichloropropene	20.000	14.758	26.2	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068711.D
 Acq On : 27 Sep 2021 20:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 28 05:30:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:37:57 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)
49 T	cis-1,3-Dichloropropene	20.000	20.490	-2.4	107	0.00
50 M	1,1,2-Trichloroethane	20.000	18.532	7.3	99	0.00
51	Ethyl methacrylate	20.000	15.374	23.1	82	0.00
52	1,3-Dichloropropane	20.000	16.390	18.0	82	0.00
53 M	Dibromochloromethane	20.000	14.644	26.8	74	0.00
54 M	1,2-Dibromoethane	20.000	15.246	23.8	82	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.709	3.3	119	0.00
56 M	Bromoform	20.000	20.293	-1.5	120	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	139	0.00
58 M	4-Methyl-2-Pentanone	100.000	56.891	43.1#	80	0.00
59 M	2-Hexanone	100.000	52.345	47.7#	79	0.00
60 S	4-Bromofluorobenzene	30.000	27.634	7.9	146	0.00
61 M	Tetrachloroethene	20.000	11.742	41.3#	85	0.00
62 M	Toluene	20.000	10.797	46.0#	82	0.00
63 S	Toluene-d8	30.000	20.031	33.2#	93	0.00
64 M	Chlorobenzene	20.000	16.661	16.7	123	0.00
65	1,1,1,2-Tetrachloroethane	20.000	15.384	23.1	111	0.00
66 M	Ethyl Benzene	20.000	15.354	23.2	115	0.00
67 M	m/p-Xylenes	40.000	30.445	23.9	125	0.00
68 M	o-Xylene	20.000	14.516	27.4	116	0.00
69 M	Styrene	20.000	13.532	32.3#	115	0.00
70	Isopropylbenzene	20.000	14.501	27.5	119	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.846	20.8	118	0.00
72	1,2,3-Trichloropropane	20.000	14.289	28.6	101	0.00
73	Bromobenzene	20.000	14.511	27.4	107	0.00
74	n-propylbenzene	20.000	14.557	27.2	108	0.00
75	2-Chlorotoluene	20.000	15.369	23.2	109	0.00
76	1,3,5-Trimethylbenzene	20.000	15.474	22.6	108	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.229	33.9#	122	0.00
78	4-Chlorotoluene	20.000	15.218	23.9	110	0.00
79	tert-butylbenzene	20.000	16.010	19.9	118	0.00
80	1,2,4-Trimethylbenzene	20.000	16.460	17.7	121	0.00
81	sec-Butylbenzene	20.000	16.714	16.4	124	0.00
82	p-Isopropyltoluene	20.000	14.926	25.4	124	0.00
83 M	1,3-Dichlorobenzene	20.000	14.941	25.3	122	0.00
84 M	1,4-Dichlorobenzene	20.000	15.645	21.8	123	0.00
85	n-Butylbenzene	20.000	14.660	26.7	121	0.00
86 T	Hexachloroethane	20.000	14.573	27.1	105	0.00
87 M	1,2-Dichlorobenzene	20.000	15.911	20.4	121	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.956	25.2	125	0.00
89	1,2,4-Trichlorobenzene	20.000	14.326	28.4	118	0.00
90	Hexachlorobutadiene	20.000	14.302	28.5	106	0.00
91 M	Naphthalene	20.000	14.169	29.2	120	0.00
92	1,2,3-Trichlorobenzene	20.000	13.606	32.0#	105	0.00

(#) = Out of Range

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