

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068800.D
 Acq On : 5 Oct 2021 13:12
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 05 15:51:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	17.815	10.9	80	0.00
3 M	Chloromethane	20.000	18.939	5.3	85	0.00
4 M	Vinyl Chloride	20.000	18.264	8.7	84	0.00
5 M	Bromomethane	20.000	19.932	0.3	98	0.00
6 M	Chloroethane	20.000	20.705	-3.5	94	0.00
7 M	Trichlorofluoromethane	20.000	19.541	2.3	88	0.00
8 T	Diethyl Ether	20.000	21.678	-8.4	101	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.244	3.8	88	0.00
10 M	1,1-Dichloroethene	20.000	18.376	8.1	85	0.00
11	Methyl Iodide	20.000	21.071	-5.4	101	0.00
12	Methyl Acetate	20.000	21.370	-6.9	98	0.00
13 M	Acrolein	100.000	81.825	18.2	77	0.00
14 M	Acrylonitrile	100.000	104.147	-4.1	99	0.00
15 M	Acetone	100.000	106.736	-6.7	90	0.00
16 M	Carbon Disulfide	20.000	17.499	12.5	81	0.00
17	Allyl chloride	20.000	19.327	3.4	88	0.00
18 M	Methylene Chloride	20.000	20.383	-1.9	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.420	7.9	86	0.00
20 T	Diisopropyl ether	20.000	20.367	-1.8	96	0.00
21 M	1,1-Dichloroethane	20.000	20.061	-0.3	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.747	1.3	96	0.00
23 M	tert-Butyl Alcohol	100.000	111.391	-11.4	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.629	-3.1	98	0.00
25 M	Chloroform	20.000	20.601	-3.0	98	0.00
26	Cyclohexane	20.000	17.776	11.1	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.983	-6.6	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	19.532	2.3	90	0.00
30 M	2-Butanone	100.000	110.746	-10.7	97	0.00
31	2,2-Dichloropropane	20.000	19.501	2.5	88	0.00
32 M	1,1,1-Trichloroethane	20.000	20.372	-1.9	92	0.00
33 M	Carbon Tetrachloride	20.000	20.029	-0.1	92	0.00
34 M	Benzene	20.000	20.939	-4.7	94	0.00
35	Methacrylonitrile	20.000	21.620	-8.1	93	0.00
36 M	1,2-Dichloroethane	20.000	22.745	-13.7	102	0.00
37 M	Trichloroethene	20.000	19.754	1.2	88	0.00
38	Methylcyclohexane	20.000	18.322	8.4	84	0.00
39 M	1,2-Dichloropropane	20.000	21.545	-7.7	96	0.00
40	Dibromomethane	20.000	22.613	-13.1	104	0.00
41 M	Bromodichloromethane	20.000	21.853	-9.3	101	0.00
42 M	Vinyl Acetate	100.000	107.700	-7.7	98	0.00
43	Ethyl Acetate	20.000	22.057	-10.3	106	0.00
44	Isopropyl Acetate	20.000	21.661	-8.3	98	0.00
45 T	1,4-Dioxane	400.000	508.805	-27.2	113	0.00
46	Methyl methacrylate	20.000	21.201	-6.0	101	0.00
47	n-amyl Acetate	20.000	20.657	-3.3	98	0.00
48 M	t-1,3-Dichloropropene	20.000	20.240	-1.2	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.498	-2.5	94	0.00
50 M	1,1,2-Trichloroethane	20.000	21.539	-7.7	98	0.00
51	Ethyl methacrylate	20.000	20.486	-2.4	97	0.00
52	1,3-Dichloropropane	20.000	22.053	-10.3	101	0.00
53 M	Dibromochloromethane	20.000	21.309	-6.5	102	0.00
54 M	1,2-Dibromoethane	20.000	21.114	-5.6	95	0.00
55 M	2-Chloroethyl vinyl ether	100.000	76.504	23.5	75	0.00
56 M	Bromoform	20.000	20.158	-0.8	100	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.588	-9.6	101	0.00
59 M	2-Hexanone	100.000	109.867	-9.9	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.334	2.2	93	0.00
61 M	Tetrachloroethene	20.000	20.460	-2.3	94	0.00
62 M	Toluene	20.000	20.396	-2.0	93	0.00
63 S	Toluene-d8	30.000	30.796	-2.7	91	0.00
64 M	Chlorobenzene	20.000	20.456	-2.3	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.844	-4.2	97	0.00
66 M	Ethyl Benzene	20.000	19.752	1.2	93	0.00
67 M	m/p-Xylenes	40.000	39.372	1.6	93	0.00
68 M	o-Xylene	20.000	19.438	2.8	93	0.00
69 M	Styrene	20.000	19.690	1.5	96	0.00
70	Isopropylbenzene	20.000	19.257	3.7	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.260	-11.3	103	0.00
72	1,2,3-Trichloropropane	20.000	22.192	-11.0	99	0.00
73	Bromobenzene	20.000	19.856	0.7	97	0.00
74	n-propylbenzene	20.000	19.593	2.0	93	0.00
75	2-Chlorotoluene	20.000	19.905	0.5	95	0.00
76	1,3,5-Trimethylbenzene	20.000	19.683	1.6	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.310	3.5	95	0.00
78	4-Chlorotoluene	20.000	19.423	2.9	93	0.00
79	tert-butylbenzene	20.000	19.345	3.3	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.492	2.5	93	0.00
81	sec-Butylbenzene	20.000	19.187	4.1	93	0.00
82	p-Isopropyltoluene	20.000	18.798	6.0	93	0.00
83 M	1,3-Dichlorobenzene	20.000	19.842	0.8	98	0.00
84 M	1,4-Dichlorobenzene	20.000	19.726	1.4	96	0.00
85	n-Butylbenzene	20.000	18.531	7.3	91	0.00
86 T	Hexachloroethane	20.000	19.450	2.8	96	0.00
87 M	1,2-Dichlorobenzene	20.000	20.664	-3.3	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.930	-9.6	98	0.00
89	1,2,4-Trichlorobenzene	20.000	18.520	7.4	89	0.00
90	Hexachlorobutadiene	20.000	19.811	0.9	92	0.00
91 M	Naphthalene	20.000	17.988	10.1	77	0.00
92	1,2,3-Trichlorobenzene	20.000	19.583	2.1	88	0.00

(#) = Out of Range

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