

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041119\
 Data File : VN054989.D
 Acq On : 11 Apr 2019 20:42
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 08:46:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	18.713	6.4	98	0.00
3 M	Chloromethane	20.000	20.064	-0.3	110	0.00
4 M	Vinyl Chloride	20.000	20.327	-1.6	110	0.00
5 M	Bromomethane	20.000	20.607	-3.0	114	0.00
6 M	Chloroethane	20.000	19.747	1.3	108	0.00
7 M	Trichlorofluoromethane	20.000	19.746	1.3	105	0.00
8 T	Diethyl Ether	20.000	20.448	-2.2	112	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.516	2.4	104	0.00
10 M	1,1-Dichloroethene	20.000	19.536	2.3	106	0.00
11	Methyl Iodide	20.000	19.578	2.1	110	0.00
12	Methyl Acetate	20.000	21.223	-6.1	119	0.00
13 M	Acrolein	100.000	95.720	4.3	108	0.00
14 M	Acrylonitrile	100.000	101.027	-1.0	115	0.00
15 M	Acetone	100.000	77.564	22.4	73	0.00
16 M	Carbon Disulfide	20.000	18.826	5.9	109	0.00
17	Allyl chloride	20.000	19.885	0.6	111	0.00
18 M	Methylene Chloride	20.000	19.551	2.2	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.893	0.5	109	0.00
20 T	Diisopropyl ether	20.000	20.106	-0.5	112	0.00
21 M	1,1-Dichloroethane	20.000	20.222	-1.1	111	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.750	1.3	110	0.00
23 M	tert-Butyl Alcohol	100.000	102.623	-2.6	122	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.989	-4.9	118	0.00
25 M	Chloroform	20.000	20.141	-0.7	110	0.00
26	Cyclohexane	20.000	19.334	3.3	108	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.227	-0.8	106	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	19.737	1.3	107	0.00
30 M	2-Butanone	100.000	93.850	6.2	99	0.00
31	2,2-Dichloropropane	20.000	18.331	8.3	101	0.00
32 M	1,1,1-Trichloroethane	20.000	20.260	-1.3	112	0.00
33 M	Carbon Tetrachloride	20.000	19.523	2.4	110	0.00
34 M	Benzene	20.000	19.803	1.0	108	0.00
35	Methacrylonitrile	20.000	18.494	7.5	99	0.00
36 M	1,2-Dichloroethane	20.000	20.418	-2.1	111	0.00
37 M	Trichloroethene	20.000	19.878	0.6	107	0.00
38	Methylcyclohexane	20.000	18.536	7.3	101	0.00
39 M	1,2-Dichloropropane	20.000	20.161	-0.8	110	0.00
40	Dibromomethane	20.000	20.223	-1.1	109	0.00
41 M	Bromodichloromethane	20.000	19.752	1.2	111	0.00
42 M	Vinyl Acetate	100.000	100.457	-0.5	116	0.00
43	Ethyl Acetate	20.000	19.895	0.5	111	0.00
44	Isopropyl Acetate	20.000	20.223	-1.1	119	0.00
45 T	1,4-Dioxane	400.000	390.368	2.4	104	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.144	4.3	114	0.00
47	n-amyl Acetate	20.000	19.623	1.9	118	0.00
48 M	t-1,3-Dichloropropene	20.000	18.639	6.8	115	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.422	2.9	113	0.00
50 M	1,1,2-Trichloroethane	20.000	20.651	-3.3	114	0.00
51	Ethyl methacrylate	20.000	19.695	1.5	120	0.00
52	1,3-Dichloropropane	20.000	20.302	-1.5	112	0.00
53 M	Dibromochloromethane	20.000	19.414	2.9	113	0.00
54 M	1,2-Dibromoethane	20.000	20.013	-0.1	117	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.746	6.3	106	0.00
56 M	Bromoform	20.000	18.374	8.1	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.356	-5.4	116	0.00
59 M	2-Hexanone	100.000	100.194	-0.2	106	0.00
60 S	4-Bromofluorobenzene	30.000	29.141	2.9	104	0.00
61 M	Tetrachloroethene	20.000	19.732	1.3	101	0.00
62 M	Toluene	20.000	20.308	-1.5	107	0.00
63 S	Toluene-d8	30.000	30.954	-3.2	106	0.00
64 M	Chlorobenzene	20.000	19.997	0.0	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.272	-1.4	111	0.00
66 M	Ethyl Benzene	20.000	20.118	-0.6	108	0.00
67 M	m/p-Xylenes	40.000	40.189	-0.5	105	0.00
68 M	o-Xylene	20.000	19.844	0.8	105	0.00
69 M	Styrene	20.000	19.346	3.3	105	0.00
70	Isopropylbenzene	20.000	20.154	-0.8	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.857	-4.3	111	0.00
72	1,2,3-Trichloropropane	20.000	22.122	-10.6	115	0.00
73	Bromobenzene	20.000	20.006	-0.0	107	0.00
74	n-propylbenzene	20.000	19.447	2.8	102	0.00
75	2-Chlorotoluene	20.000	19.838	0.8	104	0.00
76	1,3,5-Trimethylbenzene	20.000	19.561	2.2	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.471	12.6	111	0.00
78	4-Chlorotoluene	20.000	19.284	3.6	103	0.00
79	tert-butylbenzene	20.000	19.768	1.2	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.693	1.5	105	0.00
81	sec-Butylbenzene	20.000	19.444	2.8	101	0.00
82	p-Isopropyltoluene	20.000	18.848	5.8	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.031	4.8	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.830	5.9	104	0.00
85	n-Butylbenzene	20.000	16.996	15.0	94	0.00
86 T	Hexachloroethane	20.000	18.345	8.3	101	0.00
87 M	1,2-Dichlorobenzene	20.000	20.100	-0.5	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.719	1.4	110	0.00
89	1,2,4-Trichlorobenzene	20.000	16.097	19.5	102	0.00
90	Hexachlorobutadiene	20.000	17.206	14.0	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.994	15.0	117	0.00
92	1,2,3-Trichlorobenzene	20.000	17.387	13.1	105	0.00

(#) = Out of Range

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