

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055898.D
 Acq On : 30 May 2019 14:13
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 31 05:05:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N052219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 23 05:54:54 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	90	0.00
2 M	Dichlorodifluoromethane	20.000	18.848	5.8	86	0.00
3 M	Chloromethane	20.000	19.046	4.8	84	0.00
4 M	Vinyl Chloride	20.000	19.357	3.2	86	0.00
5 M	Bromomethane	20.000	23.172	-15.9	97	-0.02
6 M	Chloroethane	20.000	20.911	-4.6	92	0.00
7 M	Trichlorofluoromethane	20.000	20.132	-0.7	91	0.00
8 T	Diethyl Ether	20.000	20.861	-4.3	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.219	-1.1	91	0.00
10 M	1,1-Dichloroethene	20.000	19.401	3.0	87	0.00
11	Methyl Iodide	20.000	19.929	0.4	91	0.00
12	Methyl Acetate	20.000	19.987	0.1	91	0.00
13 M	Acrolein	100.000	92.251	7.7	87	0.00
14 M	Acrylonitrile	100.000	98.454	1.5	87	0.00
15 M	Acetone	100.000	109.788	-9.8	94	0.00
16 M	Carbon Disulfide	20.000	16.544	17.3	74	0.00
17	Allyl chloride	20.000	17.981	10.1	81	0.00
18 M	Methylene Chloride	20.000	19.854	0.7	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.370	3.1	86	0.00
20 T	Diisopropyl ether	20.000	18.990	5.1	86	0.00
21 M	1,1-Dichloroethane	20.000	19.377	3.1	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.731	1.3	89	0.00
23 M	tert-Butyl Alcohol	100.000	87.927	12.1	78	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.378	3.1	87	0.00
25 M	Chloroform	20.000	19.633	1.8	88	0.00
26	Cyclohexane	20.000	18.995	5.0	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.474	-1.6	92	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	19.775	1.1	87	0.00
30 M	2-Butanone	100.000	102.990	-3.0	89	0.00
31	2,2-Dichloropropane	20.000	18.642	6.8	80	0.00
32 M	1,1,1-Trichloroethane	20.000	19.272	3.6	84	0.00
33 M	Carbon Tetrachloride	20.000	18.124	9.4	79	0.00
34 M	Benzene	20.000	20.362	-1.8	90	0.00
35	Methacrylonitrile	20.000	19.407	3.0	87	0.00
36 M	1,2-Dichloroethane	20.000	20.438	-2.2	90	0.00
37 M	Trichloroethene	20.000	20.263	-1.3	89	0.00
38	Methylcyclohexane	20.000	19.441	2.8	87	0.00
39 M	1,2-Dichloropropane	20.000	19.796	1.0	87	0.00
40	Dibromomethane	20.000	20.561	-2.8	92	0.00
41 M	Bromodichloromethane	20.000	18.321	8.4	81	0.00
42 M	Vinyl Acetate	100.000	95.556	4.4	83	0.00
43	Ethyl Acetate	20.000	19.696	1.5	85	0.00
44	Isopropyl Acetate	20.000	18.818	5.9	83	0.00
45 T	1,4-Dioxane	400.000	412.634	-3.2	91	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.178	4.1	84	0.00
47	n-amyl Acetate	20.000	18.646	6.8	82	0.00
48 M	t-1,3-Dichloropropene	20.000	17.287	13.6	77	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.245	8.8	81	0.00
50 M	1,1,2-Trichloroethane	20.000	20.190	-1.0	89	0.00
51	Ethyl methacrylate	20.000	18.962	5.2	84	0.00
52	1,3-Dichloropropane	20.000	20.187	-0.9	88	0.00
53 M	Dibromochloromethane	20.000	17.375	13.1	78	0.00
54 M	1,2-Dibromoethane	20.000	20.187	-0.9	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.800	10.2	81	0.00
56 M	Bromoform	20.000	14.615	26.9	65	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.687	1.3	86	0.00
59 M	2-Hexanone	100.000	99.037	1.0	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.204	2.7	89	0.00
61 M	Tetrachloroethene	20.000	20.002	-0.0	86	0.00
62 M	Toluene	20.000	20.412	-2.1	90	0.00
63 S	Toluene-d8	30.000	30.202	-0.7	89	0.00
64 M	Chlorobenzene	20.000	20.213	-1.1	90	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.338	8.3	81	0.00
66 M	Ethyl Benzene	20.000	19.991	0.0	88	0.00
67 M	m/p-Xylenes	40.000	40.112	-0.3	88	0.00
68 M	o-Xylene	20.000	20.102	-0.5	88	0.00
69 M	Styrene	20.000	19.513	2.4	88	0.00
70	Isopropylbenzene	20.000	20.367	-1.8	90	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.786	1.1	86	0.00
72	1,2,3-Trichloropropane	20.000	20.461	-2.3	87	0.00
73	Bromobenzene	20.000	19.366	3.2	87	0.00
74	n-propylbenzene	20.000	19.781	1.1	88	0.00
75	2-Chlorotoluene	20.000	20.495	-2.5	90	0.00
76	1,3,5-Trimethylbenzene	20.000	20.153	-0.8	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.337	28.3	66	0.00
78	4-Chlorotoluene	20.000	19.487	2.6	88	0.00
79	tert-butylbenzene	20.000	20.529	-2.6	89	0.00
80	1,2,4-Trimethylbenzene	20.000	19.692	1.5	87	0.00
81	sec-Butylbenzene	20.000	20.513	-2.6	90	0.00
82	p-Isopropyltoluene	20.000	19.873	0.6	88	0.00
83 M	1,3-Dichlorobenzene	20.000	19.145	4.3	87	0.00
84 M	1,4-Dichlorobenzene	20.000	18.594	7.0	86	0.00
85	n-Butylbenzene	20.000	18.487	7.6	87	0.00
86 T	Hexachloroethane	20.000	15.919	20.4	70	0.00
87 M	1,2-Dichlorobenzene	20.000	19.395	3.0	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.397	18.0	73	0.00
89	1,2,4-Trichlorobenzene	20.000	14.622	26.9	76	0.00
90	Hexachlorobutadiene	20.000	17.077	14.6	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.033	19.8	81	0.00
92	1,2,3-Trichlorobenzene	20.000	16.359	18.2	79	0.00

(#) = Out of Range

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