

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053019\
 Data File : VN055904.D
 Acq On : 30 May 2019 17:04
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 31 05:18:31 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	91	0.00
2 M	Dichlorodifluoromethane	20.000	19.585	2.1	89	0.00
3 M	Chloromethane	20.000	18.528	7.4	82	0.00
4 M	Vinyl Chloride	20.000	19.693	1.5	88	0.00
5 M	Bromomethane	20.000	24.042	-20.2	101	-0.01
6 M	Chloroethane	20.000	20.967	-4.8	92	0.00
7 M	Trichlorofluoromethane	20.000	20.875	-4.4	95	0.00
8 T	Diethyl Ether	20.000	21.233	-6.2	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.618	-3.1	93	0.00
10 M	1,1-Dichloroethene	20.000	19.889	0.6	89	0.00
11	Methyl Iodide	20.000	19.664	1.7	91	0.00
12	Methyl Acetate	20.000	20.406	-2.0	93	0.00
13 M	Acrolein	100.000	90.909	9.1	86	0.00
14 M	Acrylonitrile	100.000	100.517	-0.5	89	0.00
15 M	Acetone	100.000	102.285	-2.3	87	0.00
16 M	Carbon Disulfide	20.000	16.521	17.4	74	0.00
17	Allyl chloride	20.000	18.293	8.5	83	0.00
18 M	Methylene Chloride	20.000	20.306	-1.5	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.520	2.4	87	0.00
20 T	Diisopropyl ether	20.000	19.646	1.8	89	0.00
21 M	1,1-Dichloroethane	20.000	19.834	0.8	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.140	-0.7	91	0.00
23 M	tert-Butyl Alcohol	100.000	92.323	7.7	82	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.795	1.0	89	0.00
25 M	Chloroform	20.000	20.035	-0.2	90	0.00
26	Cyclohexane	20.000	19.109	4.5	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.214	-0.7	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	20.069	-0.3	90	0.00
30 M	2-Butanone	100.000	101.544	-1.5	88	0.00
31	2,2-Dichloropropane	20.000	18.469	7.7	80	0.00
32 M	1,1,1-Trichloroethane	20.000	19.607	2.0	87	0.00
33 M	Carbon Tetrachloride	20.000	18.059	9.7	80	0.00
34 M	Benzene	20.000	20.788	-3.9	92	0.00
35	Methacrylonitrile	20.000	19.973	0.1	90	0.00
36 M	1,2-Dichloroethane	20.000	20.829	-4.1	92	0.00
37 M	Trichloroethene	20.000	19.905	0.5	89	0.00
38	Methylcyclohexane	20.000	19.384	3.1	88	0.00
39 M	1,2-Dichloropropane	20.000	20.188	-0.9	90	0.00
40	Dibromomethane	20.000	20.310	-1.5	92	0.00
41 M	Bromodichloromethane	20.000	18.524	7.4	82	0.00
42 M	Vinyl Acetate	100.000	96.077	3.9	84	0.00
43	Ethyl Acetate	20.000	19.956	0.2	87	0.00
44	Isopropyl Acetate	20.000	19.244	3.8	86	0.00
45 T	1,4-Dioxane	400.000	416.525	-4.1	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.033	-0.2	89	0.00
47	n-amyl Acetate	20.000	18.326	8.4	82	0.00
48 M	t-1,3-Dichloropropene	20.000	17.191	14.0	78	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.696	6.5	83	0.00
50 M	1,1,2-Trichloroethane	20.000	20.711	-3.6	92	0.00
51	Ethyl methacrylate	20.000	19.010	4.9	85	0.00
52	1,3-Dichloropropane	20.000	20.352	-1.8	90	0.00
53 M	Dibromochloromethane	20.000	17.285	13.6	78	0.00
54 M	1,2-Dibromoethane	20.000	20.256	-1.3	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.667	11.3	81	0.00
56 M	Bromoform	20.000	14.671	26.6	66	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.971	-2.0	88	0.00
59 M	2-Hexanone	100.000	98.767	1.2	87	0.00
60 S	4-Bromofluorobenzene	30.000	28.262	5.8	85	0.00
61 M	Tetrachloroethene	20.000	20.988	-4.9	90	0.00
62 M	Toluene	20.000	21.044	-5.2	92	0.00
63 S	Toluene-d8	30.000	30.231	-0.8	89	0.00
64 M	Chlorobenzene	20.000	20.733	-3.7	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.908	5.5	83	0.00
66 M	Ethyl Benzene	20.000	20.466	-2.3	90	0.00
67 M	m/p-Xylenes	40.000	41.040	-2.6	90	0.00
68 M	o-Xylene	20.000	20.523	-2.6	89	0.00
69 M	Styrene	20.000	19.948	0.3	89	0.00
70	Isopropylbenzene	20.000	20.771	-3.9	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.440	-2.2	88	0.00
72	1,2,3-Trichloropropane	20.000	21.114	-5.6	90	0.00
73	Bromobenzene	20.000	19.752	1.2	88	0.00
74	n-propylbenzene	20.000	20.004	-0.0	89	0.00
75	2-Chlorotoluene	20.000	20.509	-2.5	90	0.00
76	1,3,5-Trimethylbenzene	20.000	20.338	-1.7	89	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.580	27.1	67	0.00
78	4-Chlorotoluene	20.000	19.759	1.2	89	0.00
79	tert-butylbenzene	20.000	20.600	-3.0	89	0.00
80	1,2,4-Trimethylbenzene	20.000	19.943	0.3	88	0.00
81	sec-Butylbenzene	20.000	20.391	-2.0	89	0.00
82	p-Isopropyltoluene	20.000	19.929	0.4	88	0.00
83 M	1,3-Dichlorobenzene	20.000	19.295	3.5	87	0.00
84 M	1,4-Dichlorobenzene	20.000	18.535	7.3	86	0.00
85	n-Butylbenzene	20.000	18.006	10.0	84	0.00
86 T	Hexachloroethane	20.000	15.996	20.0	70	0.00
87 M	1,2-Dichlorobenzene	20.000	19.682	1.6	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.695	16.5	74	0.00
89	1,2,4-Trichlorobenzene	20.000	14.274	28.6	74	0.00
90	Hexachlorobutadiene	20.000	16.980	15.1	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	15.333	23.3	77	0.00
92	1,2,3-Trichlorobenzene	20.000	15.818	20.9	76	0.00

(#) = Out of Range

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