

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081719\
 Data File : VN057357.D
 Acq On : 16 Aug 2019 15:53
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 19 09:13:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N081719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 16 15:42:00 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	21.160	-5.8	86	0.00
3 M	Chloromethane	20.000	20.676	-3.4	89	0.00
4 M	Vinyl Chloride	20.000	21.165	-5.8	90	0.00
5 M	Bromomethane	20.000	21.126	-5.6	89	0.00
6 M	Chloroethane	20.000	20.826	-4.1	89	0.00
7 M	Trichlorofluoromethane	20.000	20.510	-2.6	87	0.00
8 T	Diethyl Ether	20.000	20.684	-3.4	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.159	-5.8	89	0.00
10 M	1,1-Dichloroethene	20.000	21.109	-5.5	91	0.00
11	Methyl Iodide	20.000	20.316	-1.6	89	0.00
12	Methyl Acetate	20.000	20.323	-1.6	91	0.00
13 M	Acrolein	100.000	109.248	-9.2	106	0.00
14 M	Acrylonitrile	100.000	102.094	-2.1	91	0.00
15 M	Acetone	100.000	91.897	8.1	76	0.00
16 M	Carbon Disulfide	20.000	20.262	-1.3	90	0.00
17	Allyl chloride	20.000	21.364	-6.8	95	0.00
18 M	Methylene Chloride	20.000	20.608	-3.0	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.709	-3.5	91	0.00
20 T	Diisopropyl ether	20.000	20.914	-4.6	90	0.00
21 M	1,1-Dichloroethane	20.000	20.723	-3.6	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.679	-3.4	90	0.00
23 M	tert-Butyl Alcohol	100.000	100.480	-0.5	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.936	-4.7	91	0.00
25 M	Chloroform	20.000	20.825	-4.1	90	0.00
26	Cyclohexane	20.000	20.447	-2.2	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.599	-2.0	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	89	0.00
29	1,1-Dichloropropene	20.000	20.290	-1.4	89	0.00
30 M	2-Butanone	100.000	97.600	2.4	85	0.00
31	2,2-Dichloropropane	20.000	19.119	4.4	83	0.00
32 M	1,1,1-Trichloroethane	20.000	20.471	-2.4	88	0.00
33 M	Carbon Tetrachloride	20.000	20.132	-0.7	89	0.00
34 M	Benzene	20.000	20.537	-2.7	89	0.00
35	Methacrylonitrile	20.000	17.341	13.3	90	0.00
36 M	1,2-Dichloroethane	20.000	20.605	-3.0	92	0.00
37 M	Trichloroethene	20.000	20.531	-2.7	90	0.00
38	Methylcyclohexane	20.000	19.889	0.6	87	0.00
39 M	1,2-Dichloropropane	20.000	20.753	-3.8	90	0.00
40	Dibromomethane	20.000	20.748	-3.7	91	0.00
41 M	Bromodichloromethane	20.000	20.199	-1.0	89	0.00
42 M	Vinyl Acetate	100.000	102.179	-2.2	89	0.00
43	Ethyl Acetate	20.000	20.493	-2.5	91	0.00
44	Isopropyl Acetate	20.000	19.046	4.8	83	-0.45
45 T	1,4-Dioxane	400.000	407.288	-1.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.893	0.5	88	0.00
47	n-amyl Acetate	20.000	18.487	7.6	88	0.00
48 M	t-1,3-Dichloropropene	20.000	19.853	0.7	88	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.087	-0.4	88	0.00
50 M	1,1,2-Trichloroethane	20.000	20.541	-2.7	90	0.00
51	Ethyl methacrylate	20.000	19.755	1.2	89	0.00
52	1,3-Dichloropropane	20.000	20.763	-3.8	90	0.00
53 M	Dibromochloromethane	20.000	20.393	-2.0	90	0.00
54 M	1,2-Dibromoethane	20.000	20.261	-1.3	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.122	11.9	88	0.00
56 M	Bromoform	20.000	19.349	3.3	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.472	-2.5	90	0.00
59 M	2-Hexanone	100.000	98.223	1.8	87	0.00
60 S	4-Bromofluorobenzene	30.000	28.012	6.6	86	0.00
61 M	Tetrachloroethene	20.000	20.311	-1.6	85	0.00
62 M	Toluene	20.000	20.459	-2.3	88	0.00
63 S	Toluene-d8	30.000	30.716	-2.4	90	0.00
64 M	Chlorobenzene	20.000	20.221	-1.1	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.324	-1.6	88	0.00
66 M	Ethyl Benzene	20.000	19.964	0.2	88	0.00
67 M	m/p-Xylenes	40.000	39.897	0.3	88	0.00
68 M	o-Xylene	20.000	19.959	0.2	87	0.00
69 M	Styrene	20.000	19.195	4.0	87	0.00
70	Isopropylbenzene	20.000	20.079	-0.4	88	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.623	-3.1	90	0.00
72	1,2,3-Trichloropropane	20.000	21.539	-7.7	95	0.00
73	Bromobenzene	20.000	18.987	5.1	87	0.00
74	n-propylbenzene	20.000	18.746	6.3	86	0.00
75	2-Chlorotoluene	20.000	19.522	2.4	87	0.00
76	1,3,5-Trimethylbenzene	20.000	19.581	2.1	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.896	5.5	90	0.00
78	4-Chlorotoluene	20.000	18.407	8.0	88	0.00
79	tert-butylbenzene	20.000	19.718	1.4	87	0.00
80	1,2,4-Trimethylbenzene	20.000	19.281	3.6	86	0.00
81	sec-Butylbenzene	20.000	18.597	7.0	86	0.00
82	p-Isopropyltoluene	20.000	18.265	8.7	87	0.00
83 M	1,3-Dichlorobenzene	20.000	17.677	11.6	84	0.00
84 M	1,4-Dichlorobenzene	20.000	17.249	13.8	86	0.00
85	n-Butylbenzene	20.000	18.177	9.1	83	0.00
86 T	Hexachloroethane	20.000	19.105	4.5	88	0.00
87 M	1,2-Dichlorobenzene	20.000	18.746	6.3	87	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.392	8.0	92	0.00
89	1,2,4-Trichlorobenzene	20.000	11.936	40.3#	80	0.00
90	Hexachlorobutadiene	20.000	18.520	7.4	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	11.181	44.1#	86	0.00
92	1,2,3-Trichlorobenzene	20.000	13.037	34.8#	89	0.00

(#) = Out of Range

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