

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091419\
 Data File : VN058018.D
 Acq On : 13 Sep 2019 14:58
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 14 02:11:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 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	113	0.00
2 M	Dichlorodifluoromethane	20.000	21.101	-5.5	121	0.00
3 M	Chloromethane	20.000	17.898	10.5	102	0.00
4 M	Vinyl Chloride	20.000	17.497	12.5	97	0.00
5 M	Bromomethane	20.000	16.282	18.6	88	0.00
6 M	Chloroethane	20.000	17.902	10.5	99	0.00
7 M	Trichlorofluoromethane	20.000	19.238	3.8	96	0.00
8 T	Diethyl Ether	20.000	20.579	-2.9	117	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.719	-3.6	117	0.00
10 M	1,1-Dichloroethene	20.000	19.853	0.7	115	0.00
11	Methyl Iodide	20.000	16.880	15.6	98	0.00
12	Methyl Acetate	20.000	20.775	-3.9	117	0.00
13 M	Acrolein	100.000	17.071	82.9#	22	0.00
14 M	Acrylonitrile	100.000	102.484	-2.5	117	0.00
15 M	Acetone	100.000	90.971	9.0	96	0.00
16 M	Carbon Disulfide	20.000	17.458	12.7	105	0.00
17	Allyl chloride	20.000	20.060	-0.3	119	0.00
18 M	Methylene Chloride	20.000	20.232	-1.2	117	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.206	-1.0	117	0.00
20 T	Diisopropyl ether	20.000	19.654	1.7	114	0.00
21 M	1,1-Dichloroethane	20.000	20.828	-4.1	118	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.323	-1.6	117	0.00
23 M	tert-Butyl Alcohol	100.000	95.532	4.5	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.215	-1.1	116	0.00
25 M	Chloroform	20.000	20.283	-1.4	117	0.00
26	Cyclohexane	20.000	19.533	2.3	114	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.914	-3.0	111	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	110	0.00
29	1,1-Dichloropropene	20.000	19.362	3.2	113	0.00
30 M	2-Butanone	100.000	95.680	4.3	109	0.00
31	2,2-Dichloropropane	20.000	18.528	7.4	112	0.00
32 M	1,1,1-Trichloroethane	20.000	19.374	3.1	113	0.00
33 M	Carbon Tetrachloride	20.000	19.057	4.7	116	0.00
34 M	Benzene	20.000	19.915	0.4	116	0.00
35	Methacrylonitrile	20.000	19.761	1.2	125	0.00
36 M	1,2-Dichloroethane	20.000	20.283	-1.4	118	0.00
37 M	Trichloroethene	20.000	19.641	1.8	115	0.00
38	Methylcyclohexane	20.000	19.028	4.9	113	0.00
39 M	1,2-Dichloropropane	20.000	19.838	0.8	116	0.00
40	Dibromomethane	20.000	20.142	-0.7	117	0.00
41 M	Bromodichloromethane	20.000	18.882	5.6	115	0.00
42 M	Vinyl Acetate	100.000	103.931	-3.9	114	0.00
43	Ethyl Acetate	20.000	17.292	13.5	99	0.00
44	Isopropyl Acetate	20.000	20.224	-1.1	122	0.00
45 T	1,4-Dioxane	400.000	357.928	10.5	107	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.885	5.6	115	0.00
47	n-amyl Acetate	20.000	18.077	9.6	113	0.00
48 M	t-1,3-Dichloropropene	20.000	17.874	10.6	113	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.559	7.2	115	0.00
50 M	1,1,2-Trichloroethane	20.000	19.548	2.3	114	0.00
51	Ethyl methacrylate	20.000	18.574	7.1	114	0.00
52	1,3-Dichloropropane	20.000	19.629	1.9	115	0.00
53 M	Dibromochloromethane	20.000	17.790	11.1	115	0.00
54 M	1,2-Dibromoethane	20.000	18.539	7.3	111	0.00
55 M	2-Chloroethyl vinyl ether	100.000	87.899	12.1	99	0.00
56 M	Bromoform	20.000	16.477	17.6	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	100.000	108.044	-8.0	114	0.00
59 M	2-Hexanone	100.000	99.931	0.1	110	0.00
60 S	4-Bromofluorobenzene	30.000	29.304	2.3	110	0.00
61 M	Tetrachloroethene	20.000	20.103	-0.5	115	0.00
62 M	Toluene	20.000	20.536	-2.7	115	0.00
63 S	Toluene-d8	30.000	30.090	-0.3	108	0.00
64 M	Chlorobenzene	20.000	20.003	-0.0	114	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.265	3.7	115	0.00
66 M	Ethyl Benzene	20.000	20.595	-3.0	114	0.00
67 M	m/p-Xylenes	40.000	39.795	0.5	115	0.00
68 M	o-Xylene	20.000	19.625	1.9	116	0.00
69 M	Styrene	20.000	19.501	2.5	115	0.00
70	Isopropylbenzene	20.000	20.455	-2.3	113	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.658	1.7	114	0.00
72	1,2,3-Trichloropropane	20.000	18.864	5.7	110	0.00
73	Bromobenzene	20.000	18.767	6.2	113	0.00
74	n-propylbenzene	20.000	20.924	-4.6	114	0.00
75	2-Chlorotoluene	20.000	19.693	1.5	115	0.00
76	1,3,5-Trimethylbenzene	20.000	20.114	-0.6	114	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.581	22.1	110	0.00
78	4-Chlorotoluene	20.000	19.870	0.6	118	0.00
79	tert-butylbenzene	20.000	19.724	1.4	113	0.00
80	1,2,4-Trimethylbenzene	20.000	20.084	-0.4	114	0.00
81	sec-Butylbenzene	20.000	20.096	-0.5	114	0.00
82	p-Isopropyltoluene	20.000	20.051	-0.3	113	0.00
83 M	1,3-Dichlorobenzene	20.000	19.326	3.4	115	0.00
84 M	1,4-Dichlorobenzene	20.000	19.559	2.2	119	0.00
85	n-Butylbenzene	20.000	19.045	4.8	109	0.00
86 T	Hexachloroethane	20.000	16.193	19.0	107	0.00
87 M	1,2-Dichlorobenzene	20.000	19.733	1.3	118	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.075	9.6	113	0.00
89	1,2,4-Trichlorobenzene	20.000	18.991	5.0	118	0.00
90	Hexachlorobutadiene	20.000	19.050	4.7	111	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.589	2.1	117	0.00
92	1,2,3-Trichlorobenzene	20.000	19.565	2.2	119	0.00

(#) = Out of Range

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