

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100719\
 Data File : VN058564.D
 Acq On : 7 Oct 2019 14:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 08 14:59:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	20.070	-0.4	82	0.00
3 M	Chloromethane	20.000	22.867	-14.3	98	0.00
4 M	Vinyl Chloride	20.000	21.432	-7.2	89	0.00
5 M	Bromomethane	20.000	20.409	-2.0	92	0.00
6 M	Chloroethane	20.000	22.160	-10.8	91	0.00
7 M	Trichlorofluoromethane	20.000	21.590	-7.9	88	0.00
8 T	Diethyl Ether	20.000	19.958	0.2	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.907	0.5	85	0.00
10 M	1,1-Dichloroethene	20.000	19.389	3.1	82	0.00
11	Methyl Iodide	20.000	17.300	13.5	82	0.00
12	Methyl Acetate	20.000	20.748	-3.7	92	0.00
13 M	Acrolein	100.000	216.079	-116.1#	179	0.00
14 M	Acrylonitrile	100.000	100.000	0.0	86	0.00
15 M	Acetone	100.000	100.370	-0.4	81	0.00
16 M	Carbon Disulfide	20.000	19.889	0.6	91	0.00
17	Allyl chloride	20.000	21.028	-5.1	91	0.00
18 M	Methylene Chloride	20.000	20.669	-3.3	87	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.500	2.5	83	0.00
20 T	Diisopropyl ether	20.000	20.431	-2.2	89	0.00
21 M	1,1-Dichloroethane	20.000	20.112	-0.6	86	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.016	-0.1	86	0.00
23 M	tert-Butyl Alcohol	100.000	100.328	-0.3	88	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.650	-3.2	88	0.00
25 M	Chloroform	20.000	20.106	-0.5	87	0.00
26	Cyclohexane	20.000	18.627	6.9	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.676	1.1	83	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	19.298	3.5	81	0.00
30 M	2-Butanone	100.000	95.575	4.4	80	0.00
31	2,2-Dichloropropane	20.000	22.390	-12.0	96	0.00
32 M	1,1,1-Trichloroethane	20.000	21.183	-5.9	90	0.00
33 M	Carbon Tetrachloride	20.000	21.207	-6.0	90	0.00
34 M	Benzene	20.000	20.020	-0.1	84	0.00
35	Methacrylonitrile	20.000	23.357	-16.8	101	0.00
36 M	1,2-Dichloroethane	20.000	19.691	1.5	83	0.00
37 M	Trichloroethene	20.000	20.395	-2.0	86	0.00
38	Methylcyclohexane	20.000	18.315	8.4	79	0.00
39 M	1,2-Dichloropropane	20.000	20.282	-1.4	86	0.00
40	Dibromomethane	20.000	20.016	-0.1	85	0.00
41 M	Bromodichloromethane	20.000	20.650	-3.2	89	0.00
42 M	Vinyl Acetate	100.000	111.487	-11.5	87	0.00
43	Ethyl Acetate	20.000	21.475	-7.4	92	0.00
44	Isopropyl Acetate	20.000	19.907	0.5	85	0.00
45 T	1,4-Dioxane	400.000	360.023	10.0	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.890	5.5	83	0.00
47	n-amyl Acetate	20.000	19.481	2.6	87	0.00
48 M	t-1,3-Dichloropropene	20.000	20.849	-4.2	93	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.417	-2.1	88	0.00
50 M	1,1,2-Trichloroethane	20.000	20.571	-2.9	87	0.00
51	Ethyl methacrylate	20.000	19.015	4.9	84	0.00
52	1,3-Dichloropropane	20.000	20.274	-1.4	85	0.00
53 M	Dibromochloromethane	20.000	20.312	-1.6	91	0.00
54 M	1,2-Dibromoethane	20.000	19.872	0.6	85	0.00
55 M	2-Chloroethyl vinyl ether	100.000	114.242	-14.2	98	0.00
56 M	Bromoform	20.000	20.553	-2.8	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	83	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.034	-7.0	84	0.00
59 M	2-Hexanone	100.000	100.963	-1.0	82	0.00
60 S	4-Bromofluorobenzene	30.000	29.087	3.0	82	0.00
61 M	Tetrachloroethene	20.000	21.259	-6.3	90	0.00
62 M	Toluene	20.000	20.086	-0.4	83	0.00
63 S	Toluene-d8	30.000	29.592	1.4	82	0.00
64 M	Chlorobenzene	20.000	20.128	-0.6	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.853	-4.3	91	0.00
66 M	Ethyl Benzene	20.000	20.810	-4.0	84	0.00
67 M	m/p-Xylenes	40.000	39.240	1.9	82	0.00
68 M	o-Xylene	20.000	19.631	1.8	83	0.00
69 M	Styrene	20.000	18.863	5.7	80	0.00
70	Isopropylbenzene	20.000	20.595	-3.0	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.831	0.8	85	0.00
72	1,2,3-Trichloropropane	20.000	21.455	-7.3	90	0.00
73	Bromobenzene	20.000	19.692	1.5	84	0.00
74	n-propylbenzene	20.000	20.804	-4.0	82	0.00
75	2-Chlorotoluene	20.000	20.006	-0.0	84	0.00
76	1,3,5-Trimethylbenzene	20.000	19.967	0.2	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.318	3.4	94	0.00
78	4-Chlorotoluene	20.000	19.679	1.6	83	0.00
79	tert-butylbenzene	20.000	19.371	3.1	82	0.00
80	1,2,4-Trimethylbenzene	20.000	20.076	-0.4	81	0.00
81	sec-Butylbenzene	20.000	20.034	-0.2	80	0.00
82	p-Isopropyltoluene	20.000	19.862	0.7	82	0.00
83 M	1,3-Dichlorobenzene	20.000	19.313	3.4	83	0.00
84 M	1,4-Dichlorobenzene	20.000	18.934	5.3	83	0.00
85	n-Butylbenzene	20.000	18.852	5.7	79	0.00
86 T	Hexachloroethane	20.000	20.333	-1.7	93	0.00
87 M	1,2-Dichlorobenzene	20.000	19.401	3.0	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.568	2.2	90	0.00
89	1,2,4-Trichlorobenzene	20.000	17.084	14.6	79	0.00
90	Hexachlorobutadiene	20.000	16.879	15.6	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.562	7.2	85	0.00
92	1,2,3-Trichlorobenzene	20.000	17.559	12.2	81	0.00

(#) = Out of Range

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