

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN092619\
 Data File : VN058370.D
 Acq On : 26 Sep 2019 9:06
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 27 03:33:27 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	21.456	-7.3	97	0.00
3 M	Chloromethane	20.000	20.450	-2.2	96	0.00
4 M	Vinyl Chloride	20.000	20.418	-2.1	94	0.00
5 M	Bromomethane	20.000	20.700	-3.5	103	0.00
6 M	Chloroethane	20.000	20.623	-3.1	94	0.00
7 M	Trichlorofluoromethane	20.000	20.898	-4.5	94	0.00
8 T	Diethyl Ether	20.000	20.307	-1.5	96	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.632	-3.2	96	0.00
10 M	1,1-Dichloroethene	20.000	20.294	-1.5	94	0.00
11	Methyl Iodide	20.000	21.392	-7.0	112	0.00
12	Methyl Acetate	20.000	18.915	5.4	92	0.00
13 M	Acrolein	100.000	94.045	6.0	86	0.00
14 M	Acrylonitrile	100.000	97.445	2.6	93	0.00
15 M	Acetone	100.000	141.730	-41.7#	125	0.00
16 M	Carbon Disulfide	20.000	19.193	4.0	96	0.00
17	Allyl chloride	20.000	19.782	1.1	94	0.00
18 M	Methylene Chloride	20.000	20.583	-2.9	96	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.174	-0.9	95	0.00
20 T	Diisopropyl ether	20.000	19.900	0.5	95	0.00
21 M	1,1-Dichloroethane	20.000	20.459	-2.3	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.184	-0.9	95	0.00
23 M	tert-Butyl Alcohol	100.000	89.887	10.1	87	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.483	2.6	92	0.00
25 M	Chloroform	20.000	20.196	-1.0	96	0.00
26	Cyclohexane	20.000	19.715	1.4	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.413	-1.4	93	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	19.836	0.8	94	0.00
30 M	2-Butanone	100.000	110.107	-10.1	104	0.00
31	2,2-Dichloropropane	20.000	20.587	-2.9	98	0.00
32 M	1,1,1-Trichloroethane	20.000	20.255	-1.3	96	0.00
33 M	Carbon Tetrachloride	20.000	19.904	0.5	95	0.00
34 M	Benzene	20.000	20.213	-1.1	94	0.00
35	Methacrylonitrile	20.000	17.510	12.4	85	-0.01
36 M	1,2-Dichloroethane	20.000	19.589	2.1	93	0.00
37 M	Trichloroethene	20.000	19.945	0.3	94	0.00
38	Methylcyclohexane	20.000	19.630	1.9	95	0.00
39 M	1,2-Dichloropropane	20.000	20.144	-0.7	96	0.00
40	Dibromomethane	20.000	20.068	-0.3	95	0.00
41 M	Bromodichloromethane	20.000	19.979	0.1	97	0.00
42 M	Vinyl Acetate	100.000	107.094	-7.1	94	0.00
43	Ethyl Acetate	20.000	20.221	-1.1	97	0.00
44	Isopropyl Acetate	20.000	18.420	7.9	88	0.00
45 T	1,4-Dioxane	400.000	354.524	11.4	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.607	7.0	91	0.00
47	n-amyl Acetate	20.000	18.115	9.4	90	0.00
48 M	t-1,3-Dichloropropene	20.000	19.142	4.3	96	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.618	1.9	95	0.00
50 M	1,1,2-Trichloroethane	20.000	19.879	0.6	94	0.00
51	Ethyl methacrylate	20.000	18.583	7.1	91	0.00
52	1,3-Dichloropropane	20.000	19.557	2.2	92	0.00
53 M	Dibromochloromethane	20.000	18.944	5.3	95	0.00
54 M	1,2-Dibromoethane	20.000	19.480	2.6	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	89.701	10.3	86	0.00
56 M	Bromoform	20.000	17.927	10.4	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.607	-3.6	90	0.00
59 M	2-Hexanone	100.000	107.656	-7.7	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.208	2.6	92	0.00
61 M	Tetrachloroethene	20.000	19.913	0.4	94	0.00
62 M	Toluene	20.000	20.659	-3.3	95	0.00
63 S	Toluene-d8	30.000	30.034	-0.1	93	0.00
64 M	Chlorobenzene	20.000	20.089	-0.4	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.518	2.4	95	0.00
66 M	Ethyl Benzene	20.000	20.913	-4.6	94	0.00
67 M	m/p-Xylenes	40.000	39.891	0.3	93	0.00
68 M	o-Xylene	20.000	19.348	3.3	91	0.00
69 M	Styrene	20.000	19.628	1.9	93	0.00
70	Isopropylbenzene	20.000	20.829	-4.1	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.357	3.2	92	0.00
72	1,2,3-Trichloropropane	20.000	21.112	-5.6	98	0.00
73	Bromobenzene	20.000	19.720	1.4	93	0.00
74	n-propylbenzene	20.000	21.318	-6.6	94	0.00
75	2-Chlorotoluene	20.000	19.776	1.1	93	0.00
76	1,3,5-Trimethylbenzene	20.000	20.381	-1.9	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.683	16.6	91	0.00
78	4-Chlorotoluene	20.000	19.790	1.1	93	0.00
79	tert-butylbenzene	20.000	19.802	1.0	94	0.00
80	1,2,4-Trimethylbenzene	20.000	20.652	-3.3	93	0.00
81	sec-Butylbenzene	20.000	20.795	-4.0	93	0.00
82	p-Isopropyltoluene	20.000	20.420	-2.1	93	0.00
83 M	1,3-Dichlorobenzene	20.000	19.364	3.2	93	0.00
84 M	1,4-Dichlorobenzene	20.000	18.995	5.0	92	0.00
85	n-Butylbenzene	20.000	20.416	-2.1	96	0.00
86 T	Hexachloroethane	20.000	18.924	5.4	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.516	2.4	93	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.576	12.1	90	0.00
89	1,2,4-Trichlorobenzene	20.000	17.722	11.4	91	0.00
90	Hexachlorobutadiene	20.000	19.407	3.0	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.394	8.0	94	0.00
92	1,2,3-Trichlorobenzene	20.000	18.647	6.8	96	0.00

(#) = Out of Range

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