

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082719\
 Data File : VN057548.D
 Acq On : 27 Aug 2019 12:00
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 27 12:35:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	20.880	-4.4	93	0.00
3 M	Chloromethane	20.000	20.994	-5.0	94	0.00
4 M	Vinyl Chloride	20.000	21.129	-5.6	91	0.00
5 M	Bromomethane	20.000	19.882	0.6	87	0.00
6 M	Chloroethane	20.000	19.433	2.8	86	0.00
7 M	Trichlorofluoromethane	20.000	20.241	-1.2	89	0.00
8 T	Diethyl Ether	20.000	19.405	3.0	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	12.141	39.3#	53	0.00
10 M	1,1-Dichloroethene	20.000	11.588	42.1#	53	0.00
11	Methyl Iodide	20.000	18.369	8.2	98	0.00
12	Methyl Acetate	20.000	20.053	-0.3	95	0.00
13 M	Acrolein	100.000	91.078	8.9	81	0.00
14 M	Acrylonitrile	100.000	99.420	0.6	91	0.00
15 M	Acetone	100.000	58.804	41.2#	47	0.00
16 M	Carbon Disulfide	20.000	20.047	-0.2	93	0.00
17	Allyl chloride	20.000	20.210	-1.1	92	0.00
18 M	Methylene Chloride	20.000	22.294	-11.5	102	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.228	-6.1	100	0.00
20 T	Diisopropyl ether	20.000	19.947	0.3	90	0.00
21 M	1,1-Dichloroethane	20.000	20.392	-2.0	92	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.687	-3.4	94	0.00
23 M	tert-Butyl Alcohol	100.000	96.577	3.4	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.955	-4.8	95	0.00
25 M	Chloroform	20.000	21.196	-6.0	97	0.00
26	Cyclohexane	20.000	20.166	-0.8	92	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.774	0.8	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	90	0.00
29	1,1-Dichloropropene	20.000	20.160	-0.8	94	0.00
30 M	2-Butanone	100.000	94.338	5.7	85	0.00
31	2,2-Dichloropropane	20.000	20.013	-0.1	92	0.00
32 M	1,1,1-Trichloroethane	20.000	20.432	-2.2	95	0.00
33 M	Carbon Tetrachloride	20.000	19.396	3.0	91	0.00
34 M	Benzene	20.000	20.537	-2.7	95	0.00
35	Methacrylonitrile	20.000	18.097	9.5	80	0.00
36 M	1,2-Dichloroethane	20.000	20.454	-2.3	96	0.00
37 M	Trichloroethene	20.000	20.200	-1.0	93	0.00
38	Methylcyclohexane	20.000	19.626	1.9	93	0.00
39 M	1,2-Dichloropropane	20.000	20.160	-0.8	93	0.00
40	Dibromomethane	20.000	21.039	-5.2	98	0.00
41 M	Bromodichloromethane	20.000	19.142	4.3	92	0.00
42 M	Vinyl Acetate	100.000	92.938	7.1	86	0.00
43	Ethyl Acetate	20.000	19.641	1.8	91	0.00
44	Isopropyl Acetate	20.000	18.667	6.7	87	0.00
45 T	1,4-Dioxane	400.000	408.627	-2.2	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.154	9.2	86	0.00
47	n-amyl Acetate	20.000	16.660	16.7	83	0.00
48 M	t-1,3-Dichloropropene	20.000	17.575	12.1	86	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.748	6.3	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.578	-2.9	95	0.00
51	Ethyl methacrylate	20.000	18.577	7.1	90	0.00
52	1,3-Dichloropropane	20.000	19.737	1.3	91	0.00
53 M	Dibromochloromethane	20.000	17.854	10.7	85	0.00
54 M	1,2-Dibromoethane	20.000	19.460	2.7	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.873	3.1	107	0.00
56 M	Bromoform	20.000	16.182	19.1	82	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.666	-0.7	90	0.00
59 M	2-Hexanone	100.000	97.427	2.6	87	0.00
60 S	4-Bromofluorobenzene	30.000	29.047	3.2	93	0.00
61 M	Tetrachloroethene	20.000	22.046	-10.2	98	0.00
62 M	Toluene	20.000	20.750	-3.8	94	0.00
63 S	Toluene-d8	30.000	30.723	-2.4	91	0.00
64 M	Chlorobenzene	20.000	20.890	-4.5	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.687	1.6	91	0.00
66 M	Ethyl Benzene	20.000	20.461	-2.3	95	0.00
67 M	m/p-Xylenes	40.000	40.855	-2.1	95	0.00
68 M	o-Xylene	20.000	20.044	-0.2	91	0.00
69 M	Styrene	20.000	19.822	0.9	96	0.00
70	Isopropylbenzene	20.000	20.306	-1.5	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.944	-4.7	98	0.00
72	1,2,3-Trichloropropane	20.000	20.109	-0.5	95	0.00
73	Bromobenzene	20.000	20.063	-0.3	97	0.00
74	n-propylbenzene	20.000	19.541	2.3	95	0.00
75	2-Chlorotoluene	20.000	19.972	0.1	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.450	-2.2	96	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.357	18.2	79	0.00
78	4-Chlorotoluene	20.000	19.482	2.6	98	0.00
79	tert-butylbenzene	20.000	20.367	-1.8	95	0.00
80	1,2,4-Trimethylbenzene	20.000	20.579	-2.9	97	0.00
81	sec-Butylbenzene	20.000	19.809	1.0	94	0.00
82	p-Isopropyltoluene	20.000	19.143	4.3	95	0.00
83 M	1,3-Dichlorobenzene	20.000	18.687	6.6	95	0.00
84 M	1,4-Dichlorobenzene	20.000	18.827	5.9	99	0.00
85	n-Butylbenzene	20.000	18.000	10.0	95	0.00
86 T	Hexachloroethane	20.000	17.243	13.8	82	0.00
87 M	1,2-Dichlorobenzene	20.000	19.823	0.9	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.710	11.4	91	0.00
89	1,2,4-Trichlorobenzene	20.000	14.241	28.8	105	0.00
90	Hexachlorobutadiene	20.000	20.951	-4.8	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.359	3.2	93	0.00
92	1,2,3-Trichlorobenzene	20.000	14.470	27.6	95	0.00

(#) = Out of Range

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