

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050047.D
 Acq On : 25 Jul 2018 15:56
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 26 06:49:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 25 10:32:46 2018
 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	89	0.00
2 M	Dichlorodifluoromethane	20.000	20.417	-2.1	81	0.00
3 M	Chloromethane	20.000	19.235	3.8	82	0.00
4 M	Vinyl Chloride	20.000	19.298	3.5	81	0.00
5 M	Bromomethane	20.000	20.320	-1.6	87	0.00
6 M	Chloroethane	20.000	18.880	5.6	80	0.00
7 M	Trichlorofluoromethane	20.000	19.321	3.4	80	0.00
8 T	Diethyl Ether	20.000	19.945	0.3	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.965	0.2	83	0.00
10 M	1,1-Dichloroethene	20.000	19.036	4.8	81	0.00
11	Methyl Iodide	20.000	16.938	15.3	74	0.00
12	Methyl Acetate	20.000	21.335	-6.7	91	0.00
13 M	Acrolein	100.000	73.928	26.1	74	0.00
14 M	Acrylonitrile	100.000	100.833	-0.8	90	0.00
15 M	Acetone	100.000	105.689	-5.7	89	0.00
16 M	Carbon Disulfide	20.000	18.422	7.9	79	0.00
17	Allyl chloride	20.000	19.281	3.6	86	0.00
18 M	Methylene Chloride	20.000	19.465	2.7	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.274	3.6	82	0.00
20 T	Diisopropyl ether	20.000	20.187	-0.9	86	0.00
21 M	1,1-Dichloroethane	20.000	19.395	3.0	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.571	2.1	86	0.00
23 M	tert-Butyl Alcohol	100.000	105.876	-5.9	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.458	-2.3	90	0.00
25 M	Chloroform	20.000	19.694	1.5	84	0.00
26	Cyclohexane	20.000	19.114	4.4	83	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.614	-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	19.364	3.2	82	0.00
30 M	2-Butanone	100.000	100.099	-0.1	90	0.00
31	2,2-Dichloropropane	20.000	19.276	3.6	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.037	4.8	82	0.00
33 M	Carbon Tetrachloride	20.000	19.049	4.8	83	0.00
34 M	Benzene	20.000	19.267	3.7	83	0.00
35	Methacrylonitrile	20.000	19.174	4.1	90	0.00
36 M	1,2-Dichloroethane	20.000	19.652	1.7	85	0.00
37 M	Trichloroethene	20.000	19.447	2.8	84	0.00
38	Methylcyclohexane	20.000	18.722	6.4	83	0.00
39 M	1,2-Dichloropropane	20.000	19.614	1.9	85	0.00
40	Dibromomethane	20.000	19.773	1.1	87	0.00
41 M	Bromodichloromethane	20.000	19.296	3.5	84	0.00
42 M	Vinyl Acetate	100.000	98.628	1.4	88	0.00
43	Ethyl Acetate	20.000	19.504	2.5	85	0.00
44	Isopropyl Acetate	20.000	20.900	-4.5	92	0.00
45 T	1,4-Dioxane	400.000	399.179	0.2	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.944	0.3	90	0.00
47	n-amyl Acetate	20.000	18.063	9.7	87	0.00
48 M	t-1,3-Dichloropropene	20.000	18.768	6.2	86	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.418	2.9	86	0.00
50 M	1,1,2-Trichloroethane	20.000	19.687	1.6	86	0.00
51	Ethyl methacrylate	20.000	18.760	6.2	90	0.00
52	1,3-Dichloropropane	20.000	19.660	1.7	86	0.00
53 M	Dibromochloromethane	20.000	19.132	4.3	85	0.00
54 M	1,2-Dibromoethane	20.000	19.491	2.5	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.199	-1.2	92	0.00
56 M	Bromoform	20.000	18.908	5.5	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	88	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.351	-4.4	90	0.00
59 M	2-Hexanone	100.000	100.461	-0.5	89	0.00
60 S	4-Bromofluorobenzene	30.000	29.058	3.1	87	0.00
61 M	Tetrachloroethene	20.000	19.411	2.9	80	0.00
62 M	Toluene	20.000	19.325	3.4	82	0.00
63 S	Toluene-d8	30.000	30.037	-0.1	86	0.00
64 M	Chlorobenzene	20.000	19.296	3.5	83	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.457	2.7	83	0.00
66 M	Ethyl Benzene	20.000	18.938	5.3	83	0.00
67 M	m/p-Xylenes	40.000	38.463	3.8	82	0.00
68 M	o-Xylene	20.000	18.894	5.5	83	0.00
69 M	Styrene	20.000	18.871	5.6	81	0.00
70	Isopropylbenzene	20.000	19.261	3.7	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.838	0.8	87	0.00
72	1,2,3-Trichloropropane	20.000	20.847	-4.2	87	0.00
73	Bromobenzene	20.000	19.109	4.5	84	0.00
74	n-propylbenzene	20.000	18.817	5.9	80	0.00
75	2-Chlorotoluene	20.000	19.319	3.4	83	0.00
76	1,3,5-Trimethylbenzene	20.000	19.091	4.5	80	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.229	8.9	86	0.00
78	4-Chlorotoluene	20.000	18.914	5.4	81	0.00
79	tert-butylbenzene	20.000	19.025	4.9	83	0.00
80	1,2,4-Trimethylbenzene	20.000	19.302	3.5	81	0.00
81	sec-Butylbenzene	20.000	19.087	4.6	81	0.00
82	p-Isopropyltoluene	20.000	19.050	4.7	81	0.00
83 M	1,3-Dichlorobenzene	20.000	18.717	6.4	81	0.00
84 M	1,4-Dichlorobenzene	20.000	19.117	4.4	83	0.00
85	n-Butylbenzene	20.000	18.164	9.2	81	0.00
86 T	Hexachloroethane	20.000	18.336	8.3	79	0.00
87 M	1,2-Dichlorobenzene	20.000	19.289	3.6	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.394	-2.0	91	0.00
89	1,2,4-Trichlorobenzene	20.000	18.251	8.7	85	0.00
90	Hexachlorobutadiene	20.000	19.368	3.2	80	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.052	-0.3	92	0.00
92	1,2,3-Trichlorobenzene	20.000	18.731	6.3	85	0.00

(#) = Out of Range

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