

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN083118\
 Data File : VN050996.D
 Acq On : 31 Aug 2018 18:32
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 01 01:41:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.384	3.1	90	0.00
3 M	Chloromethane	20.000	19.031	4.8	90	0.00
4 M	Vinyl Chloride	20.000	19.448	2.8	94	0.00
5 M	Bromomethane	20.000	18.068	9.7	93	0.00
6 M	Chloroethane	20.000	19.118	4.4	94	0.00
7 M	Trichlorofluoromethane	20.000	19.536	2.3	96	0.00
8 T	Diethyl Ether	20.000	18.469	7.7	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.432	2.8	95	0.00
10 M	1,1-Dichloroethene	20.000	19.104	4.5	95	0.00
11	Methyl Iodide	20.000	16.753	16.2	98	0.00
12	Methyl Acetate	20.000	19.441	2.8	97	0.00
13 M	Acrolein	100.000	47.037	53.0#	57	0.00
14 M	Acrylonitrile	100.000	84.116	15.9	86	0.00
15 M	Acetone	100.000	82.490	17.5	88	0.00
16 M	Carbon Disulfide	20.000	18.224	8.9	91	0.00
17	Allyl chloride	20.000	18.836	5.8	98	0.00
18 M	Methylene Chloride	20.000	19.798	1.0	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.285	3.6	97	0.00
20 T	Diisopropyl ether	20.000	19.758	1.2	96	0.00
21 M	1,1-Dichloroethane	20.000	19.740	1.3	97	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.235	3.8	96	0.00
23 M	tert-Butyl Alcohol	100.000	75.495	24.5	79	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.569	7.2	95	0.00
25 M	Chloroform	20.000	20.010	-0.1	98	0.00
26	Cyclohexane	20.000	18.682	6.6	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.553	1.5	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.148	4.3	98	0.00
30 M	2-Butanone	100.000	76.038	24.0	83	0.00
31	2,2-Dichloropropane	20.000	20.652	-3.3	108	0.00
32 M	1,1,1-Trichloroethane	20.000	19.680	1.6	99	0.00
33 M	Carbon Tetrachloride	20.000	18.998	5.0	96	0.00
34 M	Benzene	20.000	19.466	2.7	98	0.00
35	Methacrylonitrile	20.000	15.239	23.8	72	0.00
36 M	1,2-Dichloroethane	20.000	19.028	4.9	94	0.00
37 M	Trichloroethene	20.000	19.200	4.0	99	0.00
38	Methylcyclohexane	20.000	18.263	8.7	98	0.00
39 M	1,2-Dichloropropane	20.000	19.723	1.4	98	0.00
40	Dibromomethane	20.000	18.679	6.6	94	0.00
41 M	Bromodichloromethane	20.000	19.168	4.2	97	0.00
42 M	Vinyl Acetate	100.000	86.543	13.5	89	0.00
43	Ethyl Acetate	20.000	16.293	18.5	81	0.00
44	Isopropyl Acetate	20.000	18.035	9.8	93	0.00
45 T	1,4-Dioxane	400.000	306.626	23.3	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.577	17.1	88	0.00
47	n-amyl Acetate	20.000	14.732	26.3	81	0.00
48 M	t-1,3-Dichloropropene	20.000	17.541	12.3	94	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.088	4.6	100	0.00
50 M	1,1,2-Trichloroethane	20.000	18.276	8.6	91	0.00
51	Ethyl methacrylate	20.000	16.154	19.2	89	0.00
52	1,3-Dichloropropane	20.000	18.194	9.0	92	0.00
53 M	Dibromochloromethane	20.000	18.052	9.7	94	0.00
54 M	1,2-Dibromoethane	20.000	17.693	11.5	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	80.098	19.9	87	0.00
56 M	Bromoform	20.000	16.461	17.7	86	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	83.258	16.7	84	0.00
59 M	2-Hexanone	100.000	77.439	22.6	81	0.00
60 S	4-Bromofluorobenzene	30.000	29.511	1.6	96	0.00
61 M	Tetrachloroethene	20.000	19.856	0.7	95	0.00
62 M	Toluene	20.000	19.975	0.1	96	0.00
63 S	Toluene-d8	30.000	31.013	-3.4	99	0.00
64 M	Chlorobenzene	20.000	19.475	2.6	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.237	-1.2	98	0.00
66 M	Ethyl Benzene	20.000	19.014	4.9	95	0.00
67 M	m/p-Xylenes	40.000	39.259	1.9	95	0.00
68 M	o-Xylene	20.000	19.366	3.2	94	0.00
69 M	Styrene	20.000	18.839	5.8	92	0.00
70	Isopropylbenzene	20.000	19.413	2.9	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.983	10.1	86	0.00
72	1,2,3-Trichloropropane	20.000	17.587	12.1	85	0.00
73	Bromobenzene	20.000	18.778	6.1	92	0.00
74	n-propylbenzene	20.000	18.943	5.3	92	0.00
75	2-Chlorotoluene	20.000	19.603	2.0	95	0.00
76	1,3,5-Trimethylbenzene	20.000	19.457	2.7	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.371	23.1	83	0.00
78	4-Chlorotoluene	20.000	18.825	5.9	92	0.00
79	tert-butylbenzene	20.000	19.406	3.0	94	0.00
80	1,2,4-Trimethylbenzene	20.000	19.372	3.1	92	0.00
81	sec-Butylbenzene	20.000	19.135	4.3	94	0.00
82	p-Isopropyltoluene	20.000	18.899	5.5	93	0.00
83 M	1,3-Dichlorobenzene	20.000	18.354	8.2	90	0.00
84 M	1,4-Dichlorobenzene	20.000	17.532	12.3	87	0.00
85	n-Butylbenzene	20.000	17.398	13.0	91	0.00
86 T	Hexachloroethane	20.000	18.254	8.7	91	0.00
87 M	1,2-Dichlorobenzene	20.000	18.330	8.4	88	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.582	22.1	74	0.00
89	1,2,4-Trichlorobenzene	20.000	14.435	27.8	83	0.00
90	Hexachlorobutadiene	20.000	19.360	3.2	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.181	14.1	79	0.00
92	1,2,3-Trichlorobenzene	20.000	15.163	24.2	82	0.00

(#) = Out of Range

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