

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092118\
 Data File : VN051359.D
 Acq On : 21 Sep 2018 10:12
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 22 07:01:21 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	96	0.00
2 M	Dichlorodifluoromethane	20.000	14.592	27.0	66	0.00
3 M	Chloromethane	20.000	14.449	27.8	66	0.00
4 M	Vinyl Chloride	20.000	16.063	19.7	75	0.00
5 M	Bromomethane	20.000	13.865	30.7#	70	0.00
6 M	Chloroethane	20.000	16.723	16.4	80	0.00
7 M	Trichlorofluoromethane	20.000	17.438	12.8	83	0.00
8 T	Diethyl Ether	20.000	14.860	25.7	74	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.389	13.1	83	0.00
10 M	1,1-Dichloroethene	20.000	16.070	19.6	78	0.00
11	Methyl Iodide	20.000	20.002	-0.0	114	0.00
12	Methyl Acetate	20.000	10.721	46.4#	52	0.00
13 M	Acrolein	100.000	113.051	-13.1	133	0.00
14 M	Acrylonitrile	100.000	62.742	37.3#	62	0.00
15 M	Acetone	100.000	64.496	35.5#	67	0.00
16 M	Carbon Disulfide	20.000	15.502	22.5	75	0.00
17	Allyl chloride	20.000	14.308	28.5	72	0.00
18 M	Methylene Chloride	20.000	16.495	17.5	79	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.173	19.1	79	0.00
20 T	Diisopropyl ether	20.000	14.829	25.9	70	0.00
21 M	1,1-Dichloroethane	20.000	16.045	19.8	77	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.208	19.0	79	0.00
23 M	tert-Butyl Alcohol	100.000	52.928	47.1#	53	-0.02
24 M	Methyl tert-Butyl Ether	20.000	14.561	27.2	72	0.00
25 M	Chloroform	20.000	16.999	15.0	81	0.00
26	Cyclohexane	20.000	15.263	23.7	76	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.430	8.6	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	95	0.00
29	1,1-Dichloropropene	20.000	16.924	15.4	80	0.00
30 M	2-Butanone	100.000	60.545	39.5#	62	0.00
31	2,2-Dichloropropane	20.000	19.154	4.2	94	0.00
32 M	1,1,1-Trichloroethane	20.000	18.139	9.3	85	0.00
33 M	Carbon Tetrachloride	20.000	18.299	8.5	86	0.00
34 M	Benzene	20.000	16.666	16.7	78	0.00
35	Methacrylonitrile	20.000	15.553	22.2	69	0.02
36 M	1,2-Dichloroethane	20.000	16.643	16.8	77	0.00
37 M	Trichloroethene	20.000	18.053	9.7	86	0.00
38	Methylcyclohexane	20.000	17.981	10.1	90	0.00
39 M	1,2-Dichloropropane	20.000	16.597	17.0	77	0.00
40	Dibromomethane	20.000	16.600	17.0	78	0.00
41 M	Bromodichloromethane	20.000	17.118	14.4	81	0.00
42 M	Vinyl Acetate	100.000	70.668	29.3	68	0.00
43	Ethyl Acetate	20.000	11.575	42.1#	53	0.00
44	Isopropyl Acetate	20.000	13.842	30.8#	66	0.00
45 T	1,4-Dioxane	400.000	256.214	35.9#	59	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	12.255	38.7#	61	0.00
47	n-amyl Acetate	20.000	12.876	35.6#	66	0.00
48 M	t-1,3-Dichloropropene	20.000	16.199	19.0	80	0.00
49 T	cis-1,3-Dichloropropene	20.000	16.929	15.4	82	0.00
50 M	1,1,2-Trichloroethane	20.000	17.517	12.4	81	0.00
51	Ethyl methacrylate	20.000	14.066	29.7	72	0.00
52	1,3-Dichloropropane	20.000	16.047	19.8	75	0.00
53 M	Dibromochloromethane	20.000	17.306	13.5	83	0.00
54 M	1,2-Dibromoethane	20.000	16.029	19.9	77	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.169	18.8	82	0.00
56 M	Bromoform	20.000	16.573	17.1	81	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	100.000	58.767	41.2#	57	0.00
59 M	2-Hexanone	100.000	59.416	40.6#	60	0.00
60 S	4-Bromofluorobenzene	30.000	30.074	-0.2	96	0.00
61 M	Tetrachloroethene	20.000	18.671	6.6	87	0.00
62 M	Toluene	20.000	17.421	12.9	81	0.00
63 S	Toluene-d8	30.000	29.961	0.1	93	0.00
64 M	Chlorobenzene	20.000	18.124	9.4	86	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.137	9.3	86	0.00
66 M	Ethyl Benzene	20.000	16.773	16.1	81	0.00
67 M	m/p-Xylenes	40.000	36.462	8.8	86	0.00
68 M	o-Xylene	20.000	18.223	8.9	87	0.00
69 M	Styrene	20.000	17.537	12.3	84	0.00
70	Isopropylbenzene	20.000	18.172	9.1	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	15.378	23.1	72	0.00
72	1,2,3-Trichloropropane	20.000	13.724	31.4#	64	0.00
73	Bromobenzene	20.000	18.026	9.9	86	0.00
74	n-propylbenzene	20.000	17.903	10.5	85	0.00
75	2-Chlorotoluene	20.000	17.992	10.0	85	0.00
76	1,3,5-Trimethylbenzene	20.000	18.836	5.8	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.560	22.2	81	0.00
78	4-Chlorotoluene	20.000	17.776	11.1	84	0.00
79	tert-butylbenzene	20.000	19.430	2.9	92	0.00
80	1,2,4-Trimethylbenzene	20.000	18.883	5.6	87	0.00
81	sec-Butylbenzene	20.000	19.924	0.4	95	0.00
82	p-Isopropyltoluene	20.000	20.105	-0.5	96	0.00
83 M	1,3-Dichlorobenzene	20.000	18.601	7.0	89	0.00
84 M	1,4-Dichlorobenzene	20.000	18.109	9.5	87	0.00
85	n-Butylbenzene	20.000	18.644	6.8	95	0.00
86 T	Hexachloroethane	20.000	20.578	-2.9	100	0.00
87 M	1,2-Dichlorobenzene	20.000	18.222	8.9	85	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	13.429	32.9#	62	0.00
89	1,2,4-Trichlorobenzene	20.000	16.874	15.6	95	0.00
90	Hexachlorobutadiene	20.000	24.819	-24.1	119	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	16.535	17.3	71	0.00
92	1,2,3-Trichlorobenzene	20.000	17.465	12.7	92	0.00

(#) = Out of Range

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