

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
 Data File : VN051624.D
 Acq On : 28 Sep 2018 19:12
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 29 05:38:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 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	64	0.00
2 M	Dichlorodifluoromethane	20.000	24.742	-23.7	72	0.00
3 M	Chloromethane	20.000	24.585	-22.9	73	0.00
4 M	Vinyl Chloride	20.000	24.393	-22.0	75	0.00
5 M	Bromomethane	20.000	26.982	-34.9#	82	0.00
6 M	Chloroethane	20.000	25.692	-28.5	72	0.00
7 M	Trichlorofluoromethane	20.000	26.595	-33.0#	82	0.00
8 T	Diethyl Ether	20.000	17.468	12.7	54	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.062	4.7	58	0.00
10 M	1,1-Dichloroethene	20.000	18.772	6.1	57	0.00
11	Methyl Iodide	20.000	19.752	1.2	63	0.00
12	Methyl Acetate	20.000	15.082	24.6	46	0.00
13 M	Acrolein	100.000	70.453	29.5	47	0.00
14 M	Acrylonitrile	100.000	78.656	21.3	49	0.00
15 M	Acetone	100.000	71.424	28.6	43	0.00
16 M	Carbon Disulfide	20.000	16.603	17.0	51	0.00
17	Allyl chloride	20.000	14.996	25.0	47	0.00
18 M	Methylene Chloride	20.000	18.356	8.2	56	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.122	9.4	55	0.00
20 T	Diisopropyl ether	20.000	15.804	21.0	47	0.00
21 M	1,1-Dichloroethane	20.000	17.405	13.0	53	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.566	7.2	56	0.00
23 M	tert-Butyl Alcohol	100.000	89.405	10.6	57	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.069	4.7	59	0.00
25 M	Chloroform	20.000	19.402	3.0	58	0.00
26	Cyclohexane	20.000	16.189	19.1	49	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.991	-3.3	65	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	63	0.00
29	1,1-Dichloropropene	20.000	18.046	9.8	55	0.00
30 M	2-Butanone	100.000	73.845	26.2	47	0.00
31	2,2-Dichloropropane	20.000	18.888	5.6	58	0.00
32 M	1,1,1-Trichloroethane	20.000	20.889	-4.4	64	0.00
33 M	Carbon Tetrachloride	20.000	21.038	-5.2	65	0.00
34 M	Benzene	20.000	17.959	10.2	55	0.00
35	Methacrylonitrile	20.000	10.449	47.8#	31	0.00
36 M	1,2-Dichloroethane	20.000	19.787	1.1	61	0.00
37 M	Trichloroethene	20.000	20.430	-2.1	64	0.00
38	Methylcyclohexane	20.000	17.329	13.4	55	0.00
39 M	1,2-Dichloropropane	20.000	16.994	15.0	52	0.00
40	Dibromomethane	20.000	18.510	7.4	57	0.00
41 M	Bromodichloromethane	20.000	19.560	2.2	60	0.00
42 M	Vinyl Acetate	100.000	77.841	22.2	48	0.00
43	Ethyl Acetate	20.000	15.810	20.9	48	0.00
44	Isopropyl Acetate	20.000	15.444	22.8	50	0.00
45 T	1,4-Dioxane	400.000	387.626	3.1	60	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.045	19.8	50	0.00
47	n-amyl Acetate	20.000	15.262	23.7	51	0.00
48 M	t-1,3-Dichloropropene	20.000	17.689	11.6	56	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.878	10.6	56	0.00
50 M	1,1,2-Trichloroethane	20.000	18.520	7.4	57	0.00
51	Ethyl methacrylate	20.000	17.102	14.5	55	0.00
52	1,3-Dichloropropane	20.000	18.028	9.9	56	0.00
53 M	Dibromochloromethane	20.000	20.283	-1.4	64	0.00
54 M	1,2-Dibromoethane	20.000	18.897	5.5	59	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.698	17.3	52	0.00
56 M	Bromoform	20.000	20.895	-4.5	66	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	64	0.00
58 M	4-Methyl-2-Pentanone	100.000	80.774	19.2	50	0.00
59 M	2-Hexanone	100.000	76.998	23.0	48	0.00
60 S	4-Bromofluorobenzene	30.000	28.665	4.5	62	0.00
61 M	Tetrachloroethene	20.000	20.523	-2.6	62	0.00
62 M	Toluene	20.000	18.656	6.7	57	0.00
63 S	Toluene-d8	30.000	29.009	3.3	61	0.00
64 M	Chlorobenzene	20.000	19.377	3.1	61	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.228	-6.1	66	0.00
66 M	Ethyl Benzene	20.000	18.667	6.7	59	0.00
67 M	m/p-Xylenes	40.000	39.155	2.1	60	0.00
68 M	o-Xylene	20.000	19.466	2.7	62	0.00
69 M	Styrene	20.000	19.200	4.0	60	0.00
70	Isopropylbenzene	20.000	19.672	1.6	61	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.080	9.6	56	0.00
72	1,2,3-Trichloropropane	20.000	18.233	8.8	54	0.00
73	Bromobenzene	20.000	20.170	-0.9	65	0.00
74	n-propylbenzene	20.000	18.345	8.3	58	0.00
75	2-Chlorotoluene	20.000	19.080	4.6	59	0.00
76	1,3,5-Trimethylbenzene	20.000	19.920	0.4	62	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.130	19.4	54	0.00
78	4-Chlorotoluene	20.000	18.560	7.2	59	0.00
79	tert-butylbenzene	20.000	20.818	-4.1	66	0.00
80	1,2,4-Trimethylbenzene	20.000	19.991	0.0	61	0.00
81	sec-Butylbenzene	20.000	19.335	3.3	60	0.00
82	p-Isopropyltoluene	20.000	19.707	1.5	62	0.00
83 M	1,3-Dichlorobenzene	20.000	20.126	-0.6	64	0.00
84 M	1,4-Dichlorobenzene	20.000	19.571	2.1	62	0.00
85	n-Butylbenzene	20.000	17.483	12.6	57	0.00
86 T	Hexachloroethane	20.000	19.227	3.9	61	0.00
87 M	1,2-Dichlorobenzene	20.000	20.502	-2.5	65	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.484	-12.4	72	0.00
89	1,2,4-Trichlorobenzene	20.000	24.435	-22.2	85	0.00
90	Hexachlorobutadiene	20.000	27.736	-38.7#	90	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	22.287	-11.4	85	0.00
92	1,2,3-Trichlorobenzene	20.000	24.555	-22.8	85	0.00

(#) = Out of Range

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