

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112718\
 Data File : VN052492.D
 Acq On : 27 Nov 2018 21:39
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 28 07:10:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 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	111	0.00
2 M	Dichlorodifluoromethane	20.000	17.462	12.7	94	0.00
3 M	Chloromethane	20.000	17.673	11.6	97	0.00
4 M	Vinyl Chloride	20.000	18.419	7.9	101	0.00
5 M	Bromomethane	20.000	20.131	-0.7	112	0.00
6 M	Chloroethane	20.000	18.430	7.9	100	0.00
7 M	Trichlorofluoromethane	20.000	18.561	7.2	103	0.00
8 T	Diethyl Ether	20.000	18.640	6.8	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.870	10.6	96	0.00
10 M	1,1-Dichloroethene	20.000	18.807	6.0	105	0.00
11	Methyl Iodide	20.000	18.968	5.2	109	0.00
12	Methyl Acetate	20.000	17.913	10.4	98	0.00
13 M	Acrolein	100.000	81.502	18.5	97	0.00
14 M	Acrylonitrile	100.000	91.656	8.3	99	0.00
15 M	Acetone	100.000	80.849	19.2	82	0.00
16 M	Carbon Disulfide	20.000	17.223	13.9	96	0.00
17	Allyl chloride	20.000	17.992	10.0	99	0.00
18 M	Methylene Chloride	20.000	18.607	7.0	104	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.868	5.7	105	0.00
20 T	Diisopropyl ether	20.000	18.442	7.8	101	0.00
21 M	1,1-Dichloroethane	20.000	18.657	6.7	104	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.915	5.4	104	0.00
23 M	tert-Butyl Alcohol	100.000	88.163	11.8	95	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.430	2.9	107	0.00
25 M	Chloroform	20.000	18.818	5.9	104	0.00
26	Cyclohexane	20.000	17.858	10.7	98	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.369	2.1	108	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	18.432	7.8	103	0.00
30 M	2-Butanone	100.000	84.939	15.1	92	0.00
31	2,2-Dichloropropane	20.000	16.870	15.6	96	0.00
32 M	1,1,1-Trichloroethane	20.000	18.676	6.6	105	0.00
33 M	Carbon Tetrachloride	20.000	18.067	9.7	101	0.00
34 M	Benzene	20.000	18.571	7.1	103	0.00
35	Methacrylonitrile	20.000	17.752	11.2	98	0.00
36 M	1,2-Dichloroethane	20.000	18.422	7.9	103	0.00
37 M	Trichloroethene	20.000	18.682	6.6	105	0.00
38	Methylcyclohexane	20.000	17.623	11.9	97	0.00
39 M	1,2-Dichloropropane	20.000	18.262	8.7	102	0.00
40	Dibromomethane	20.000	18.840	5.8	105	0.00
41 M	Bromodichloromethane	20.000	17.978	10.1	102	0.00
42 M	Vinyl Acetate	100.000	89.620	10.4	101	0.00
43	Ethyl Acetate	20.000	18.523	7.4	100	0.00
44	Isopropyl Acetate	20.000	18.704	6.5	106	0.00
45 T	1,4-Dioxane	400.000	336.942	15.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.607	7.0	105	0.00
47	n-amyl Acetate	20.000	17.437	12.8	103	0.00
48 M	t-1,3-Dichloropropene	20.000	17.683	11.6	104	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.734	11.3	101	0.00
50 M	1,1,2-Trichloroethane	20.000	19.155	4.2	105	0.00
51	Ethyl methacrylate	20.000	18.435	7.8	107	0.00
52	1,3-Dichloropropane	20.000	18.287	8.6	101	0.00
53 M	Dibromochloromethane	20.000	18.093	9.5	102	0.00
54 M	1,2-Dibromoethane	20.000	18.836	5.8	106	0.00
55 M	2-Chloroethyl vinyl ether	100.000	93.402	6.6	103	0.00
56 M	Bromoform	20.000	17.720	11.4	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	110	0.00
58 M	4-Methyl-2-Pentanone	100.000	93.475	6.5	100	0.00
59 M	2-Hexanone	100.000	88.321	11.7	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.700	1.0	109	0.00
61 M	Tetrachloroethene	20.000	19.759	1.2	106	0.00
62 M	Toluene	20.000	19.630	1.9	107	0.00
63 S	Toluene-d8	30.000	29.855	0.5	108	0.00
64 M	Chlorobenzene	20.000	19.107	4.5	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.767	6.2	105	0.00
66 M	Ethyl Benzene	20.000	18.868	5.7	104	0.00
67 M	m/p-Xylenes	40.000	38.595	3.5	105	0.00
68 M	o-Xylene	20.000	19.464	2.7	107	0.00
69 M	Styrene	20.000	18.904	5.5	104	0.00
70	Isopropylbenzene	20.000	19.011	4.9	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.028	4.9	102	0.00
72	1,2,3-Trichloropropane	20.000	18.986	5.1	109	0.00
73	Bromobenzene	20.000	19.410	2.9	108	0.00
74	n-propylbenzene	20.000	18.455	7.7	100	0.00
75	2-Chlorotoluene	20.000	19.164	4.2	104	0.00
76	1,3,5-Trimethylbenzene	20.000	19.165	4.2	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.754	16.2	97	0.00
78	4-Chlorotoluene	20.000	18.534	7.3	101	0.00
79	tert-butylbenzene	20.000	19.328	3.4	104	0.00
80	1,2,4-Trimethylbenzene	20.000	19.253	3.7	103	0.00
81	sec-Butylbenzene	20.000	18.754	6.2	102	0.00
82	p-Isopropyltoluene	20.000	18.639	6.8	102	0.00
83 M	1,3-Dichlorobenzene	20.000	18.613	6.9	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.643	6.8	103	0.00
85	n-Butylbenzene	20.000	17.561	12.2	96	0.00
86 T	Hexachloroethane	20.000	17.687	11.6	99	0.00
87 M	1,2-Dichlorobenzene	20.000	19.140	4.3	104	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.980	5.1	106	0.00
89	1,2,4-Trichlorobenzene	20.000	18.158	9.2	104	0.00
90	Hexachlorobutadiene	20.000	18.997	5.0	98	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.548	7.3	106	0.00
92	1,2,3-Trichlorobenzene	20.000	18.610	7.0	105	0.00

(#) = Out of Range

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