

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080918\
 Data File : VN050499.D
 Acq On : 9 Aug 2018 21:13
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 10 07:38:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 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	14.693	26.5	63	0.00
3 M	Chloromethane	20.000	17.882	10.6	82	0.00
4 M	Vinyl Chloride	20.000	17.764	11.2	81	0.00
5 M	Bromomethane	20.000	16.381	18.1	76	0.00
6 M	Chloroethane	20.000	18.845	5.8	86	0.00
7 M	Trichlorofluoromethane	20.000	18.664	6.7	84	0.00
8 T	Diethyl Ether	20.000	18.826	5.9	92	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.852	5.7	84	0.00
10 M	1,1-Dichloroethene	20.000	19.030	4.8	88	0.00
11	Methyl Iodide	20.000	6.060	69.7#	29	0.00
12	Methyl Acetate	20.000	17.242	13.8	79	0.00
13 M	Acrolein	100.000	78.963	21.0	85	0.00
14 M	Acrylonitrile	100.000	90.473	9.5	88	0.00
15 M	Acetone	100.000	104.057	-4.1	95	0.00
16 M	Carbon Disulfide	20.000	17.912	10.4	83	0.00
17	Allyl chloride	20.000	17.747	11.3	85	0.00
18 M	Methylene Chloride	20.000	20.158	-0.8	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.022	4.9	88	0.00
20 T	Diisopropyl ether	20.000	19.818	0.9	91	0.00
21 M	1,1-Dichloroethane	20.000	19.017	4.9	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.597	2.0	93	0.00
23 M	tert-Butyl Alcohol	100.000	85.125	14.9	83	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.123	4.4	91	0.00
25 M	Chloroform	20.000	19.612	1.9	90	0.00
26	Cyclohexane	20.000	18.819	5.9	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.823	0.6	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	18.640	6.8	88	0.00
30 M	2-Butanone	100.000	100.330	-0.3	101	0.00
31	2,2-Dichloropropane	20.000	16.311	18.4	78	0.00
32 M	1,1,1-Trichloroethane	20.000	18.472	7.6	89	0.00
33 M	Carbon Tetrachloride	20.000	18.279	8.6	89	0.00
34 M	Benzene	20.000	18.914	5.4	91	0.00
35	Methacrylonitrile	20.000	16.498	17.5	87	0.00
36 M	1,2-Dichloroethane	20.000	18.520	7.4	89	0.00
37 M	Trichloroethene	20.000	18.981	5.1	92	0.00
38	Methylcyclohexane	20.000	17.306	13.5	86	0.00
39 M	1,2-Dichloropropane	20.000	18.870	5.6	91	0.00
40	Dibromomethane	20.000	18.552	7.2	91	0.00
41 M	Bromodichloromethane	20.000	18.291	8.5	89	0.00
42 M	Vinyl Acetate	100.000	87.928	12.1	88	0.00
43	Ethyl Acetate	20.000	16.746	16.3	82	0.00
44	Isopropyl Acetate	20.000	17.804	11.0	88	0.00
45 T	1,4-Dioxane	400.000	356.199	11.0	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.627	16.9	84	0.00
47	n-amyl Acetate	20.000	16.459	17.7	89	0.00
48 M	t-1,3-Dichloropropene	20.000	17.716	11.4	88	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.925	10.4	89	0.00
50 M	1,1,2-Trichloroethane	20.000	18.730	6.3	92	0.00
51	Ethyl methacrylate	20.000	17.570	12.1	94	0.00
52	1,3-Dichloropropane	20.000	18.501	7.5	91	0.00
53 M	Dibromochloromethane	20.000	17.978	10.1	90	0.00
54 M	1,2-Dibromoethane	20.000	18.308	8.5	91	0.00
55 M	2-Chloroethyl vinyl ether	100.000	97.021	3.0	99	0.00
56 M	Bromoform	20.000	16.941	15.3	87	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	112.142	-12.1	108	0.00
59 M	2-Hexanone	100.000	105.982	-6.0	104	0.00
60 S	4-Bromofluorobenzene	30.000	29.957	0.1	99	0.00
61 M	Tetrachloroethene	20.000	19.392	3.0	89	0.00
62 M	Toluene	20.000	19.260	3.7	90	0.00
63 S	Toluene-d8	30.000	29.927	0.2	95	0.00
64 M	Chlorobenzene	20.000	19.616	1.9	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.249	3.8	91	0.00
66 M	Ethyl Benzene	20.000	18.797	6.0	91	0.00
67 M	m/p-Xylenes	40.000	39.094	2.3	92	0.00
68 M	o-Xylene	20.000	19.206	4.0	93	0.00
69 M	Styrene	20.000	19.599	2.0	93	0.00
70	Isopropylbenzene	20.000	19.383	3.1	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.737	6.3	91	0.00
72	1,2,3-Trichloropropane	20.000	16.714	16.4	80	0.00
73	Bromobenzene	20.000	19.033	4.8	92	0.00
74	n-propylbenzene	20.000	18.573	7.1	88	0.00
75	2-Chlorotoluene	20.000	19.130	4.4	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.318	3.4	90	0.00
77	t-1,4-Dichloro-2-butene	20.000	13.861	30.7#	73	0.00
78	4-Chlorotoluene	20.000	18.972	5.1	90	0.00
79	tert-butylbenzene	20.000	19.106	4.5	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.457	2.7	91	0.00
81	sec-Butylbenzene	20.000	18.482	7.6	87	0.00
82	p-Isopropyltoluene	20.000	18.524	7.4	88	0.00
83 M	1,3-Dichlorobenzene	20.000	18.850	5.7	91	0.00
84 M	1,4-Dichlorobenzene	20.000	19.009	5.0	92	0.00
85	n-Butylbenzene	20.000	16.939	15.3	84	0.00
86 T	Hexachloroethane	20.000	15.943	20.3	76	0.00
87 M	1,2-Dichlorobenzene	20.000	19.205	4.0	90	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.563	12.2	86	0.00
89	1,2,4-Trichlorobenzene	20.000	17.369	13.2	90	0.00
90	Hexachlorobutadiene	20.000	17.681	11.6	81	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.212	3.9	95	0.00
92	1,2,3-Trichlorobenzene	20.000	17.371	13.1	87	0.00

(#) = Out of Range

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