

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081518\
 Data File : VN050687.D
 Acq On : 16 Aug 2018 5:40
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 08:16:01 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	88	0.00
2 M	Dichlorodifluoromethane	20.000	15.692	21.5	61	0.00
3 M	Chloromethane	20.000	19.949	0.3	84	0.00
4 M	Vinyl Chloride	20.000	19.467	2.7	81	0.00
5 M	Bromomethane	20.000	17.168	14.2	73	0.00
6 M	Chloroethane	20.000	20.095	-0.5	84	0.00
7 M	Trichlorofluoromethane	20.000	19.495	2.5	80	0.00
8 T	Diethyl Ether	20.000	19.858	0.7	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.207	4.0	79	0.00
10 M	1,1-Dichloroethene	20.000	19.954	0.2	84	0.00
11	Methyl Iodide	20.000	9.584	52.1#	42	0.00
12	Methyl Acetate	20.000	16.215	18.9	68	0.00
13 M	Acrolein	100.000	27.246	72.8#	27	0.00
14 M	Acrylonitrile	100.000	93.884	6.1	83	0.00
15 M	Acetone	100.000	106.675	-6.7	89	0.00
16 M	Carbon Disulfide	20.000	19.860	0.7	85	0.00
17	Allyl chloride	20.000	18.503	7.5	82	0.00
18 M	Methylene Chloride	20.000	21.023	-5.1	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.833	-4.2	88	0.00
20 T	Diisopropyl ether	20.000	21.436	-7.2	91	0.00
21 M	1,1-Dichloroethane	20.000	20.629	-3.1	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.606	-3.0	89	0.00
23 M	tert-Butyl Alcohol	100.000	81.076	18.9	73	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.637	1.8	85	0.00
25 M	Chloroform	20.000	20.503	-2.5	87	0.00
26	Cyclohexane	20.000	20.767	-3.8	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.246	2.5	85	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	19.582	2.1	86	0.00
30 M	2-Butanone	100.000	98.755	1.2	92	0.00
31	2,2-Dichloropropane	20.000	10.508	47.5#	47	0.00
32 M	1,1,1-Trichloroethane	20.000	19.043	4.8	85	0.00
33 M	Carbon Tetrachloride	20.000	19.010	4.9	86	0.00
34 M	Benzene	20.000	19.868	0.7	89	0.00
35	Methacrylonitrile	20.000	16.996	15.0	83	0.00
36 M	1,2-Dichloroethane	20.000	18.763	6.2	84	0.00
37 M	Trichloroethene	20.000	19.488	2.6	88	0.00
38	Methylcyclohexane	20.000	18.707	6.5	86	0.00
39 M	1,2-Dichloropropane	20.000	19.984	0.1	89	0.00
40	Dibromomethane	20.000	19.096	4.5	87	0.00
41 M	Bromodichloromethane	20.000	19.269	3.7	87	0.00
42 M	Vinyl Acetate	100.000	93.169	6.8	87	0.00
43	Ethyl Acetate	20.000	19.411	2.9	88	0.00
44	Isopropyl Acetate	20.000	19.433	2.8	89	0.00
45 T	1,4-Dioxane	400.000	338.524	15.4	78	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.275	18.6	76	0.00
47	n-amyl Acetate	20.000	16.836	15.8	84	0.00
48 M	t-1,3-Dichloropropene	20.000	17.270	13.7	79	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.770	11.2	82	0.00
50 M	1,1,2-Trichloroethane	20.000	19.022	4.9	86	0.00
51	Ethyl methacrylate	20.000	17.994	10.0	89	0.00
52	1,3-Dichloropropane	20.000	18.965	5.2	86	0.00
53 M	Dibromochloromethane	20.000	18.264	8.7	84	0.00
54 M	1,2-Dibromoethane	20.000	18.536	7.3	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.796	4.2	91	0.00
56 M	Bromoform	20.000	17.523	12.4	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	112.946	-12.9	100	0.00
59 M	2-Hexanone	100.000	103.852	-3.9	94	0.00
60 S	4-Bromofluorobenzene	30.000	29.414	2.0	90	0.00
61 M	Tetrachloroethene	20.000	19.880	0.6	84	0.00
62 M	Toluene	20.000	20.341	-1.7	88	0.00
63 S	Toluene-d8	30.000	30.559	-1.9	90	0.00
64 M	Chlorobenzene	20.000	20.198	-1.0	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.956	0.2	87	0.00
66 M	Ethyl Benzene	20.000	19.786	1.1	89	0.00
67 M	m/p-Xylenes	40.000	40.620	-1.5	88	0.00
68 M	o-Xylene	20.000	20.348	-1.7	91	0.00
69 M	Styrene	20.000	20.278	-1.4	89	0.00
70	Isopropylbenzene	20.000	20.134	-0.7	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.761	6.2	85	0.00
72	1,2,3-Trichloropropane	20.000	16.582	17.1	74	0.00
73	Bromobenzene	20.000	19.374	3.1	87	0.00
74	n-propylbenzene	20.000	19.235	3.8	84	0.00
75	2-Chlorotoluene	20.000	19.785	1.1	87	0.00
76	1,3,5-Trimethylbenzene	20.000	20.024	-0.1	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	12.321	38.4#	60	0.00
78	4-Chlorotoluene	20.000	19.674	1.6	86	0.00
79	tert-butylbenzene	20.000	19.810	1.0	88	0.00
80	1,2,4-Trimethylbenzene	20.000	20.108	-0.5	87	0.00
81	sec-Butylbenzene	20.000	19.158	4.2	83	0.00
82	p-Isopropyltoluene	20.000	19.070	4.6	83	0.00
83 M	1,3-Dichlorobenzene	20.000	18.696	6.5	83	0.00
84 M	1,4-Dichlorobenzene	20.000	18.617	6.9	83	0.00
85	n-Butylbenzene	20.000	17.085	14.6	78	0.00
86 T	Hexachloroethane	20.000	18.164	9.2	80	0.00
87 M	1,2-Dichlorobenzene	20.000	18.897	5.5	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	15.688	21.6	71	0.00
89	1,2,4-Trichlorobenzene	20.000	15.594	22.0	75	0.00
90	Hexachlorobutadiene	20.000	17.157	14.2	72	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	17.654	11.7	76	0.00
92	1,2,3-Trichlorobenzene	20.000	15.978	20.1	74	0.00

(#) = Out of Range

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