

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071521\
 Data File : VN067765.D
 Acq On : 15 Jul 2021 16:31
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 16 03:02:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N071421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jul 14 01:19:19 2021
 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	109	0.00
2 M	Dichlorodifluoromethane	20.000	20.745	-3.7	120	0.00
3 M	Chloromethane	20.000	20.296	-1.5	110	0.00
4 M	Vinyl Chloride	20.000	19.975	0.1	108	0.00
5 M	Bromomethane	20.000	19.481	2.6	103	0.00
6 M	Chloroethane	20.000	19.781	1.1	103	0.00
7 M	Trichlorofluoromethane	20.000	19.939	0.3	103	0.00
8 T	Diethyl Ether	20.000	20.957	-4.8	116	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.631	-3.2	115	0.00
10 M	1,1-Dichloroethene	20.000	19.441	2.8	110	0.00
11	Methyl Iodide	20.000	18.637	6.8	114	0.00
12	Methyl Acetate	20.000	19.205	4.0	112	0.00
13 M	Acrolein	100.000	97.922	2.1	118	0.00
14 M	Acrylonitrile	100.000	93.215	6.8	110	0.00
15 M	Acetone	100.000	93.787	6.2	107	0.00
16 M	Carbon Disulfide	20.000	19.272	3.6	115	0.00
17	Allyl chloride	20.000	19.046	4.8	109	0.00
18 M	Methylene Chloride	20.000	18.297	8.5	108	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.509	7.5	109	0.00
20 T	Diisopropyl ether	20.000	18.327	8.4	107	0.00
21 M	1,1-Dichloroethane	20.000	18.716	6.4	107	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.539	7.3	111	0.00
23 M	tert-Butyl Alcohol	100.000	93.753	6.2	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.814	5.9	109	0.00
25 M	Chloroform	20.000	18.984	5.1	109	0.00
26	Cyclohexane	20.000	18.117	9.4	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.336	-4.5	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	18.317	8.4	108	0.00
30 M	2-Butanone	100.000	88.691	11.3	106	0.00
31	2,2-Dichloropropane	20.000	18.334	8.3	110	0.00
32 M	1,1,1-Trichloroethane	20.000	18.503	7.5	111	0.00
33 M	Carbon Tetrachloride	20.000	18.000	10.0	110	0.00
34 M	Benzene	20.000	18.259	8.7	108	0.00
35	Methacrylonitrile	20.000	18.950	5.3	125	0.00
36 M	1,2-Dichloroethane	20.000	18.261	8.7	102	0.00
37 M	Trichloroethene	20.000	18.006	10.0	108	0.00
38	Methylcyclohexane	20.000	17.994	10.0	107	0.00
39 M	1,2-Dichloropropane	20.000	17.970	10.2	106	0.00
40	Dibromomethane	20.000	17.837	10.8	106	0.00
41 M	Bromodichloromethane	20.000	18.294	8.5	109	0.00
42 M	Vinyl Acetate	100.000	92.894	7.1	120	0.00
43	Ethyl Acetate	20.000	16.143	19.3	100	0.00
44	Isopropyl Acetate	20.000	17.624	11.9	106	0.00
45 T	1,4-Dioxane	400.000	366.221	8.4	109	0.00
46	Methyl methacrylate	20.000	17.689	11.6	108	0.00
47	n-amyl Acetate	20.000	17.476	12.6	111	0.00
48 M	t-1,3-Dichloropropene	20.000	17.483	12.6	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.847	10.8	110	0.00
50 M	1,1,2-Trichloroethane	20.000	17.604	12.0	108	0.00
51	Ethyl methacrylate	20.000	17.544	12.3	109	0.00
52	1,3-Dichloropropane	20.000	17.916	10.4	107	0.00
53 M	Dibromochloromethane	20.000	17.215	13.9	112	0.00
54 M	1,2-Dibromoethane	20.000	17.865	10.7	110	0.00
55 M	2-Chloroethyl vinyl ether	100.000	157.451	-57.5#	210	0.00
56 M	Bromoform	20.000	15.835	20.8	114	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.946	12.1	105	0.00
59 M	2-Hexanone	100.000	87.349	12.7	105	0.00
60 S	4-Bromofluorobenzene	30.000	29.362	2.1	104	0.00
61 M	Tetrachloroethene	20.000	18.712	6.4	112	0.00
62 M	Toluene	20.000	17.386	13.1	103	0.00
63 S	Toluene-d8	30.000	29.505	1.7	103	0.00
64 M	Chlorobenzene	20.000	17.458	12.7	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.534	12.3	110	0.00
66 M	Ethyl Benzene	20.000	17.466	12.7	104	0.00
67 M	m/p-Xylenes	40.000	35.143	12.1	105	0.00
68 M	o-Xylene	20.000	17.598	12.0	107	0.00
69 M	Styrene	20.000	17.362	13.2	106	0.00
70	Isopropylbenzene	20.000	17.691	11.5	106	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.562	12.2	105	0.00
72	1,2,3-Trichloropropane	20.000	19.200	4.0	105	0.00
73	Bromobenzene	20.000	16.949	15.3	108	0.00
74	n-propylbenzene	20.000	18.069	9.7	107	0.00
75	2-Chlorotoluene	20.000	17.702	11.5	105	0.00
76	1,3,5-Trimethylbenzene	20.000	18.028	9.9	107	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.534	17.3	112	0.00
78	4-Chlorotoluene	20.000	18.022	9.9	106	0.00
79	tert-butylbenzene	20.000	17.694	11.5	107	0.00
80	1,2,4-Trimethylbenzene	20.000	18.014	9.9	108	0.00
81	sec-Butylbenzene	20.000	18.015	9.9	106	0.00
82	p-Isopropyltoluene	20.000	17.743	11.3	109	0.00
83 M	1,3-Dichlorobenzene	20.000	17.367	13.2	109	0.00
84 M	1,4-Dichlorobenzene	20.000	17.443	12.8	109	0.00
85	n-Butylbenzene	20.000	18.153	9.2	111	0.00
86 T	Hexachloroethane	20.000	17.727	11.4	115	0.00
87 M	1,2-Dichlorobenzene	20.000	17.625	11.9	109	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.468	7.7	115	0.00
89	1,2,4-Trichlorobenzene	20.000	18.117	9.4	123	0.00
90	Hexachlorobutadiene	20.000	17.130	14.4	101	0.00
91 M	Naphthalene	20.000	19.347	3.3	138	0.00
92	1,2,3-Trichlorobenzene	20.000	18.147	9.3	124	0.00

(#) = Out of Range

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