

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111020\
 Data File : VN064518.D
 Acq On : 10 Nov 2020 11:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 11 02:26:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	22.407	-12.0	113	0.00
3 M	Chloromethane	20.000	22.627	-13.1	118	0.00
4 M	Vinyl Chloride	20.000	22.135	-10.7	117	0.00
5 M	Bromomethane	20.000	21.048	-5.2	108	0.00
6 M	Chloroethane	20.000	21.462	-7.3	111	0.00
7 M	Trichlorofluoromethane	20.000	22.451	-12.3	115	0.00
8 T	Diethyl Ether	20.000	22.054	-10.3	114	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.458	-7.3	109	0.00
10 M	1,1-Dichloroethene	20.000	20.638	-3.2	110	0.00
11	Methyl Iodide	20.000	20.857	-4.3	117	0.00
12	Methyl Acetate	20.000	21.376	-6.9	112	0.00
13 M	Acrolein	100.000	116.217	-16.2	140	0.00
14 M	Acrylonitrile	100.000	107.220	-7.2	120	0.00
15 M	Acetone	100.000	110.086	-10.1	100	0.00
16 M	Carbon Disulfide	20.000	20.319	-1.6	107	0.00
17	Allyl chloride	20.000	20.516	-2.6	111	0.00
18 M	Methylene Chloride	20.000	21.342	-6.7	113	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.563	-2.8	111	0.00
20 T	Diisopropyl ether	20.000	20.690	-3.5	113	0.00
21 M	1,1-Dichloroethane	20.000	21.261	-6.3	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.704	-3.5	116	0.00
23 M	tert-Butyl Alcohol	100.000	108.989	-9.0	114	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.524	-2.6	113	0.00
25 M	Chloroform	20.000	21.334	-6.7	110	0.00
26	Cyclohexane	20.000	20.336	-1.7	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.911	-3.0	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	21.174	-5.9	112	0.00
30 M	2-Butanone	100.000	105.429	-5.4	108	0.00
31	2,2-Dichloropropane	20.000	21.033	-5.2	111	0.00
32 M	1,1,1-Trichloroethane	20.000	21.802	-9.0	115	0.00
33 M	Carbon Tetrachloride	20.000	21.093	-5.5	112	0.00
34 M	Benzene	20.000	20.754	-3.8	111	0.00
35	Methacrylonitrile	20.000	20.563	-2.8	122	0.00
36 M	1,2-Dichloroethane	20.000	21.269	-6.3	111	0.00
37 M	Trichloroethene	20.000	20.481	-2.4	112	0.00
38	Methylcyclohexane	20.000	19.494	2.5	108	0.00
39 M	1,2-Dichloropropane	20.000	20.595	-3.0	109	0.00
40	Dibromomethane	20.000	21.775	-8.9	115	0.00
41 M	Bromodichloromethane	20.000	20.910	-4.6	110	0.00
42 M	Vinyl Acetate	100.000	103.005	-3.0	113	0.00
43	Ethyl Acetate	20.000	21.714	-8.6	130	0.00
44	Isopropyl Acetate	20.000	20.641	-3.2	116	0.00
45 T	1,4-Dioxane	400.000	406.853	-1.7	107	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111020\
 Data File : VN064518.D
 Acq On : 10 Nov 2020 11:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 11 02:26:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 13:16:36 2020
 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)
46	Methyl methacrylate	20.000	20.432	-2.2	117	0.00
47	n-amyl Acetate	20.000	19.866	0.7	116	0.00
48 M	t-1,3-Dichloropropene	20.000	20.349	-1.7	112	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.403	-2.0	112	0.00
50 M	1,1,2-Trichloroethane	20.000	20.835	-4.2	113	0.00
51	Ethyl methacrylate	20.000	20.013	-0.1	116	0.00
52	1,3-Dichloropropane	20.000	20.895	-4.5	115	0.00
53 M	Dibromochloromethane	20.000	20.482	-2.4	112	0.00
54 M	1,2-Dibromoethane	20.000	21.332	-6.7	119	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.598	11.4	96	0.00
56 M	Bromoform	20.000	20.210	-1.1	111	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	97	0.00
58 M	4-Methyl-2-Pentanone	100.000	107.923	-7.9	115	0.00
59 M	2-Hexanone	100.000	108.109	-8.1	115	0.00
60 S	4-Bromofluorobenzene	30.000	29.987	0.0	98	0.00
61 M	Tetrachloroethene	20.000	21.539	-7.7	113	0.00
62 M	Toluene	20.000	20.879	-4.4	112	0.00
63 S	Toluene-d8	30.000	30.167	-0.6	96	0.00
64 M	Chlorobenzene	20.000	20.752	-3.8	112	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.095	-5.5	113	0.00
66 M	Ethyl Benzene	20.000	20.441	-2.2	114	0.00
67 M	m/p-Xylenes	40.000	40.796	-2.0	111	0.00
68 M	o-Xylene	20.000	20.161	-0.8	111	0.00
69 M	Styrene	20.000	19.939	0.3	112	0.00
70	Isopropylbenzene	20.000	20.366	-1.8	112	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.423	-7.1	116	0.00
72	1,2,3-Trichloropropane	20.000	20.247	-1.2	116	0.00
73	Bromobenzene	20.000	20.066	-0.3	112	0.00
74	n-propylbenzene	20.000	20.616	-3.1	114	0.00
75	2-Chlorotoluene	20.000	20.389	-1.9	110	0.00
76	1,3,5-Trimethylbenzene	20.000	20.554	-2.8	112	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.875	0.6	114	0.00
78	4-Chlorotoluene	20.000	20.218	-1.1	111	0.00
79	tert-butylbenzene	20.000	20.396	-2.0	117	0.00
80	1,2,4-Trimethylbenzene	20.000	20.617	-3.1	114	0.00
81	sec-Butylbenzene	20.000	20.214	-1.1	111	0.00
82	p-Isopropyltoluene	20.000	19.898	0.5	111	0.00
83 M	1,3-Dichlorobenzene	20.000	20.055	-0.3	113	0.00
84 M	1,4-Dichlorobenzene	20.000	19.534	2.3	111	0.00
85	n-Butylbenzene	20.000	19.649	1.8	116	0.00
86 T	Hexachloroethane	20.000	20.420	-2.1	113	0.00
87 M	1,2-Dichlorobenzene	20.000	20.711	-3.6	117	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.073	-5.4	119	0.00
89	1,2,4-Trichlorobenzene	20.000	18.562	7.2	116	0.00
90	Hexachlorobutadiene	20.000	20.950	-4.7	116	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111020\
Data File : VN064518.D
Acq On : 10 Nov 2020 11:40
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Nov 11 02:26:40 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Nov 09 13:16:36 2020
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)
91 M	Naphthalene	20.000	17.752	11.2	115	0.00
92	1,2,3-Trichlorobenzene	20.000	19.241	3.8	116	0.00

(#) = Out of Range

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