

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056323.D
 Acq On : 14 Jun 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 14 23:51:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	21.778	-8.9	110	0.00
3 M	Chloromethane	20.000	21.591	-8.0	115	0.00
4 M	Vinyl Chloride	20.000	21.511	-7.6	112	0.00
5 M	Bromomethane	20.000	19.340	3.3	98	0.00
6 M	Chloroethane	20.000	21.347	-6.7	108	0.00
7 M	Trichlorofluoromethane	20.000	20.963	-4.8	109	0.00
8 T	Diethyl Ether	20.000	19.950	0.3	105	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.194	-6.0	111	0.00
10 M	1,1-Dichloroethene	20.000	20.266	-1.3	108	0.00
11	Methyl Iodide	20.000	16.426	17.9	90	0.00
12	Methyl Acetate	20.000	22.470	-12.3	121	0.00
13 M	Acrolein	100.000	110.285	-10.3	123	0.00
14 M	Acrylonitrile	100.000	109.567	-9.6	117	0.00
15 M	Acetone	100.000	103.012	-3.0	102	0.00
16 M	Carbon Disulfide	20.000	19.816	0.9	113	0.00
17	Allyl chloride	20.000	21.036	-5.2	115	0.00
18 M	Methylene Chloride	20.000	21.637	-8.2	116	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.177	-0.9	106	0.00
20 T	Diisopropyl ether	20.000	21.865	-9.3	116	0.00
21 M	1,1-Dichloroethane	20.000	21.635	-8.2	115	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.841	-4.2	110	0.00
23 M	tert-Butyl Alcohol	100.000	87.980	12.0	97	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.544	-2.7	109	0.00
25 M	Chloroform	20.000	21.794	-9.0	116	0.00
26	Cyclohexane	20.000	20.464	-2.3	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.604	-8.7	114	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	20.917	-4.6	111	0.00
30 M	2-Butanone	100.000	109.672	-9.7	114	0.00
31	2,2-Dichloropropane	20.000	20.118	-0.6	106	0.00
32 M	1,1,1-Trichloroethane	20.000	21.440	-7.2	113	0.00
33 M	Carbon Tetrachloride	20.000	21.687	-8.4	117	0.00
34 M	Benzene	20.000	20.968	-4.8	110	0.00
35	Methacrylonitrile	20.000	22.427	-12.1	105	0.00
36 M	1,2-Dichloroethane	20.000	22.340	-11.7	118	0.00
37 M	Trichloroethene	20.000	19.952	0.2	104	0.00
38	Methylcyclohexane	20.000	19.857	0.7	107	0.00
39 M	1,2-Dichloropropane	20.000	22.043	-10.2	115	0.00
40	Dibromomethane	20.000	21.912	-9.6	115	0.00
41 M	Bromodichloromethane	20.000	22.848	-14.2	124	0.00
42 M	Vinyl Acetate	100.000	109.164	-9.2	115	0.00
43	Ethyl Acetate	20.000	20.256	-1.3	106	0.00
44	Isopropyl Acetate	20.000	20.456	-2.3	112	0.00
45 T	1,4-Dioxane	400.000	390.323	2.4	102	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
 Data File : VN056323.D
 Acq On : 14 Jun 2019 19:37
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 14 23:51:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jun 06 04:02:53 2019
 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	21.627	-8.1	122	0.00
47	n-amyl Acetate	20.000	20.142	-0.7	111	0.00
48 M	t-1,3-Dichloropropene	20.000	20.107	-0.5	114	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.905	-4.5	114	0.00
50 M	1,1,2-Trichloroethane	20.000	21.084	-5.4	111	0.00
51	Ethyl methacrylate	20.000	19.752	1.2	108	0.00
52	1,3-Dichloropropane	20.000	21.740	-8.7	114	0.00
53 M	Dibromochloromethane	20.000	21.518	-7.6	123	0.00
54 M	1,2-Dibromoethane	20.000	20.905	-4.5	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	86.856	13.1	98	0.00
56 M	Bromoform	20.000	21.154	-5.8	127	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	106	0.00
58 M	4-Methyl-2-Pentanone	100.000	110.242	-10.2	117	0.00
59 M	2-Hexanone	100.000	108.966	-9.0	116	0.00
60 S	4-Bromofluorobenzene	30.000	29.532	1.6	107	0.00
61 M	Tetrachloroethene	20.000	19.336	3.3	100	0.00
62 M	Toluene	20.000	20.605	-3.0	109	0.00
63 S	Toluene-d8	30.000	31.014	-3.4	107	0.00
64 M	Chlorobenzene	20.000	20.810	-4.0	111	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.724	-8.6	117	0.00
66 M	Ethyl Benzene	20.000	20.413	-2.1	108	0.00
67 M	m/p-Xylenes	40.000	39.367	1.6	104	0.00
68 M	o-Xylene	20.000	20.126	-0.6	106	0.00
69 M	Styrene	20.000	19.559	2.2	107	0.00
70	Isopropylbenzene	20.000	20.188	-0.9	107	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.836	-9.2	114	0.00
72	1,2,3-Trichloropropane	20.000	20.537	-2.7	110	0.00
73	Bromobenzene	20.000	19.489	2.6	105	0.00
74	n-propylbenzene	20.000	19.778	1.1	108	0.00
75	2-Chlorotoluene	20.000	20.226	-1.1	109	0.00
76	1,3,5-Trimethylbenzene	20.000	19.922	0.4	106	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.086	4.6	118	0.00
78	4-Chlorotoluene	20.000	19.310	3.5	108	0.00
79	tert-butylbenzene	20.000	20.332	-1.7	109	0.00
80	1,2,4-Trimethylbenzene	20.000	19.453	2.7	105	0.00
81	sec-Butylbenzene	20.000	20.028	-0.1	108	0.00
82	p-Isopropyltoluene	20.000	18.727	6.4	102	0.00
83 M	1,3-Dichlorobenzene	20.000	18.328	8.4	103	0.00
84 M	1,4-Dichlorobenzene	20.000	17.443	12.8	102	0.00
85	n-Butylbenzene	20.000	16.551	17.2	99	0.00
86 T	Hexachloroethane	20.000	21.694	-8.5	124	0.00
87 M	1,2-Dichlorobenzene	20.000	18.493	7.5	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.266	-1.3	121	0.00
89	1,2,4-Trichlorobenzene	20.000	16.903	15.5	82	0.00
90	Hexachlorobutadiene	20.000	18.512	7.4	102	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061419\
Data File : VN056323.D
Acq On : 14 Jun 2019 19:37
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
LabSampleId :
VSTDCCC020

Quant Time: Jun 14 23:51:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N060619W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jun 06 04:02:53 2019
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	12.625	36.9#	85	0.00
92	1,2,3-Trichlorobenzene	20.000	13.959	30.2#	88	0.00

(#) = Out of Range

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