

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX051719\
 Data File : VX009661.D
 Acq On : 17 May 2019 14:26
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 18 05:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	16.939	15.3	73	0.00
3 M	Chloromethane	20.000	19.647	1.8	86	0.00
4 M	Vinyl Chloride	20.000	18.830	5.9	81	0.00
5 M	Bromomethane	20.000	19.790	1.1	96	0.00
6 M	Chloroethane	20.000	18.315	8.4	77	0.00
7 M	Trichlorofluoromethane	20.000	19.741	1.3	87	0.00
8 T	Diethyl Ether	20.000	20.405	-2.0	90	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.090	-0.4	87	0.00
10 M	1,1-Dichloroethene	20.000	19.089	4.6	83	0.00
11	Methyl Iodide	20.000	19.664	1.7	92	0.00
12	Methyl Acetate	20.000	20.614	-3.1	92	0.00
13 M	Acrolein	100.000	119.159	-19.2	112	0.00
14 M	Acrylonitrile	100.000	104.747	-4.7	92	0.00
15 M	Acetone	100.000	107.999	-8.0	92	0.00
16 M	Carbon Disulfide	20.000	18.207	9.0	80	0.00
17	Allyl chloride	20.000	19.558	2.2	86	0.00
18 M	Methylene Chloride	20.000	20.201	-1.0	89	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.936	0.3	88	0.00
20 T	Diisopropyl ether	20.000	20.382	-1.9	89	0.00
21 M	1,1-Dichloroethane	20.000	19.885	0.6	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.982	0.1	88	0.00
23 M	tert-Butyl Alcohol	100.000	108.332	-8.3	99	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.197	-1.0	90	0.00
25 M	Chloroform	20.000	20.588	-2.9	90	0.00
26	Cyclohexane	20.000	19.537	2.3	85	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.517	-1.7	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	19.915	0.4	87	0.00
30 M	2-Butanone	100.000	107.021	-7.0	94	0.00
31	2,2-Dichloropropane	20.000	19.543	2.3	86	0.00
32 M	1,1,1-Trichloroethane	20.000	20.213	-1.1	91	0.00
33 M	Carbon Tetrachloride	20.000	20.004	-0.0	89	0.00
34 M	Benzene	20.000	20.149	-0.7	88	0.00
35	Methacrylonitrile	20.000	20.943	-4.7	91	0.00
36 M	1,2-Dichloroethane	20.000	20.972	-4.9	92	0.00
37 M	Trichloroethene	20.000	19.807	1.0	88	0.00
38	Methylcyclohexane	20.000	19.995	0.0	88	0.00
39 M	1,2-Dichloropropane	20.000	20.707	-3.5	91	0.00
40	Dibromomethane	20.000	20.356	-1.8	89	0.00
41 M	Bromodichloromethane	20.000	20.273	-1.4	91	0.00
42 M	Vinyl Acetate	100.000	103.588	-3.6	90	0.00
43	Ethyl Acetate	20.000	21.261	-6.3	91	0.00
44	Isopropyl Acetate	20.000	20.544	-2.7	92	0.00
45 T	1,4-Dioxane	400.000	429.802	-7.5	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX051719\
 Data File : VX009661.D
 Acq On : 17 May 2019 14:26
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 18 05:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 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	20.513	-2.6	91	0.00
47	n-amyl Acetate	20.000	20.661	-3.3	94	0.00
48 M	t-1,3-Dichloropropene	20.000	19.588	2.1	90	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.666	1.7	89	0.00
50 M	1,1,2-Trichloroethane	20.000	20.436	-2.2	90	0.00
51	Ethyl methacrylate	20.000	19.848	0.8	89	0.00
52	1,3-Dichloropropane	20.000	20.546	-2.7	90	0.00
53 M	Dibromochloromethane	20.000	19.910	0.4	90	0.00
54 M	1,2-Dibromoethane	20.000	20.359	-1.8	90	0.00
55 M	2-Chloroethyl vinyl ether	100.000	124.182	-24.2	105	0.00
56 M	Bromoform	20.000	19.329	3.4	91	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	89	0.00
58 M	4-Methyl-2-Pentanone	100.000	106.253	-6.3	95	0.00
59 M	2-Hexanone	100.000	107.000	-7.0	95	0.00
60 S	4-Bromofluorobenzene	30.000	29.673	1.1	87	0.00
61 M	Tetrachloroethene	20.000	20.014	-0.1	89	0.00
62 M	Toluene	20.000	20.128	-0.6	89	0.00
63 S	Toluene-d8	30.000	29.933	0.2	87	0.00
64 M	Chlorobenzene	20.000	20.460	-2.3	92	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.920	0.4	91	0.00
66 M	Ethyl Benzene	20.000	20.286	-1.4	90	0.00
67 M	m/p-Xylenes	40.000	40.542	-1.4	90	0.00
68 M	o-Xylene	20.000	20.260	-1.3	91	0.00
69 M	Styrene	20.000	20.042	-0.2	90	0.00
70	Isopropylbenzene	20.000	20.435	-2.2	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.941	-4.7	95	0.00
72	1,2,3-Trichloropropane	20.000	21.114	-5.6	94	0.00
73	Bromobenzene	20.000	20.381	-1.9	91	0.00
74	n-propylbenzene	20.000	20.468	-2.3	92	0.00
75	2-Chlorotoluene	20.000	20.498	-2.5	92	0.00
76	1,3,5-Trimethylbenzene	20.000	20.485	-2.4	92	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.467	7.7	89	0.00
78	4-Chlorotoluene	20.000	20.292	-1.5	92	0.00
79	tert-butylbenzene	20.000	20.343	-1.7	91	0.00
80	1,2,4-Trimethylbenzene	20.000	20.386	-1.9	92	0.00
81	sec-Butylbenzene	20.000	20.633	-3.2	93	0.00
82	p-Isopropyltoluene	20.000	20.374	-1.9	92	0.00
83 M	1,3-Dichlorobenzene	20.000	20.499	-2.5	94	0.00
84 M	1,4-Dichlorobenzene	20.000	20.025	-0.1	93	0.00
85	n-Butylbenzene	20.000	20.060	-0.3	93	0.00
86 T	Hexachloroethane	20.000	19.532	2.3	88	0.00
87 M	1,2-Dichlorobenzene	20.000	20.703	-3.5	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.587	-2.9	94	0.00
89	1,2,4-Trichlorobenzene	20.000	20.519	-2.6	97	0.00
90	Hexachlorobutadiene	20.000	21.245	-6.2	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX051719\
Data File : VX009661.D
Acq On : 17 May 2019 14:26
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: May 18 05:27:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 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	20.436	-2.2	92	0.00
92	1,2,3-Trichlorobenzene	20.000	21.008	-5.0	96	0.00

(#) = Out of Range

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