

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071919\
 Data File : VX010989.D
 Acq On : 19 Jul 2019 03:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 19 04:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 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	98	0.00
2 M	Dichlorodifluoromethane	20.000	20.325	-1.6	96	0.00
3 M	Chloromethane	20.000	19.739	1.3	93	0.00
4 M	Vinyl Chloride	20.000	20.670	-3.4	99	0.00
5 M	Bromomethane	20.000	15.792	21.0	67	0.00
6 M	Chloroethane	20.000	23.035	-15.2	111	0.00
7 M	Trichlorofluoromethane	20.000	20.105	-0.5	98	0.00
8 T	Diethyl Ether	20.000	19.892	0.5	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.805	1.0	97	0.00
10 M	1,1-Dichloroethene	20.000	19.484	2.6	95	0.00
11	Methyl Iodide	20.000	10.451	47.7#	56	0.00
12	Methyl Acetate	20.000	30.669	-53.3#	148	0.00
13 M	Acrolein	100.000	63.137	36.9#	61	0.00
14 M	Acrylonitrile	100.000	101.901	-1.9	99	0.00
15 M	Acetone	100.000	103.051	-3.1	98	0.00
16 M	Carbon Disulfide	20.000	20.007	-0.0	102	0.00
17	Allyl chloride	20.000	19.389	3.1	98	0.00
18 M	Methylene Chloride	20.000	20.158	-0.8	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.735	1.3	96	0.00
20 T	Diisopropyl ether	20.000	19.582	2.1	98	0.00
21 M	1,1-Dichloroethane	20.000	19.854	0.7	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.742	1.3	98	0.00
23 M	tert-Butyl Alcohol	100.000	99.523	0.5	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.707	1.5	98	0.00
25 M	Chloroform	20.000	19.358	3.2	97	0.00
26	Cyclohexane	20.000	19.549	2.3	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.959	3.5	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.889	0.6	97	0.00
30 M	2-Butanone	100.000	101.636	-1.6	98	0.00
31	2,2-Dichloropropane	20.000	16.452	17.7	83	0.00
32 M	1,1,1-Trichloroethane	20.000	19.237	3.8	97	0.00
33 M	Carbon Tetrachloride	20.000	19.276	3.6	100	0.00
34 M	Benzene	20.000	20.507	-2.5	99	0.00
35	Methacrylonitrile	20.000	20.120	-0.6	102	0.00
36 M	1,2-Dichloroethane	20.000	19.892	0.5	100	0.00
37 M	Trichloroethene	20.000	20.589	-2.9	102	0.00
38	Methylcyclohexane	20.000	19.476	2.6	95	0.00
39 M	1,2-Dichloropropane	20.000	20.842	-4.2	102	0.00
40	Dibromomethane	20.000	20.181	-0.9	99	0.00
41 M	Bromodichloromethane	20.000	19.391	3.0	101	0.00
42 M	Vinyl Acetate	100.000	80.615	19.4	80	0.00
43	Ethyl Acetate	20.000	18.251	8.7	91	0.00
44	Isopropyl Acetate	20.000	17.645	11.8	88	0.00
45 T	1,4-Dioxane	400.000	406.419	-1.6	95	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071919\
 Data File : VX010989.D
 Acq On : 19 Jul 2019 03:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 19 04:14:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 19 03:27:28 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	19.705	1.5	99	0.00
47	n-amyl Acetate	20.000	15.833	20.8	80	0.00
48 M	t-1,3-Dichloropropene	20.000	17.929	10.4	95	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.055	4.7	97	0.00
50 M	1,1,2-Trichloroethane	20.000	20.303	-1.5	100	0.00
51	Ethyl methacrylate	20.000	19.613	1.9	100	0.00
52	1,3-Dichloropropane	20.000	20.115	-0.6	98	0.00
53 M	Dibromochloromethane	20.000	18.744	6.3	98	0.00
54 M	1,2-Dibromoethane	20.000	20.131	-0.7	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	95.842	4.2	94	0.00
56 M	Bromoform	20.000	17.613	11.9	96	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.732	-0.7	99	0.00
59 M	2-Hexanone	100.000	101.924	-1.9	99	0.00
60 S	4-Bromofluorobenzene	30.000	28.891	3.7	98	0.00
61 M	Tetrachloroethene	20.000	20.740	-3.7	99	0.00
62 M	Toluene	20.000	20.258	-1.3	99	0.00
63 S	Toluene-d8	30.000	30.639	-2.1	98	0.00
64 M	Chlorobenzene	20.000	20.224	-1.1	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.174	4.1	97	0.00
66 M	Ethyl Benzene	20.000	19.907	0.5	98	0.00
67 M	m/p-Xylenes	40.000	39.771	0.6	96	0.00
68 M	o-Xylene	20.000	19.778	1.1	97	0.00
69 M	Styrene	20.000	19.856	0.7	99	0.00
70	Isopropylbenzene	20.000	19.879	0.6	99	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.441	-2.2	101	0.00
72	1,2,3-Trichloropropane	20.000	19.558	2.2	98	0.00
73	Bromobenzene	20.000	19.930	0.4	99	0.00
74	n-propylbenzene	20.000	19.606	2.0	98	0.00
75	2-Chlorotoluene	20.000	19.810	1.0	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.587	2.1	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	12.566	37.2#	72	0.00
78	4-Chlorotoluene	20.000	19.652	1.7	99	0.00
79	tert-butylbenzene	20.000	19.693	1.5	99	0.00
80	1,2,4-Trimethylbenzene	20.000	19.603	2.0	97	0.00
81	sec-Butylbenzene	20.000	19.744	1.3	98	0.00
82	p-Isopropyltoluene	20.000	19.670	1.6	98	0.00
83 M	1,3-Dichlorobenzene	20.000	19.612	1.9	98	0.00
84 M	1,4-Dichlorobenzene	20.000	19.597	2.0	97	0.00
85	n-Butylbenzene	20.000	19.110	4.5	97	0.00
86 T	Hexachloroethane	20.000	16.238	18.8	89	0.00
87 M	1,2-Dichlorobenzene	20.000	19.943	0.3	96	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.858	10.7	92	0.00
89	1,2,4-Trichlorobenzene	20.000	19.469	2.7	98	0.00
90	Hexachlorobutadiene	20.000	18.905	5.5	94	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071919\
Data File : VX010989.D
Acq On : 19 Jul 2019 03:48
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Jul 19 04:14:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X071919W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jul 19 03:27:28 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	19.879	0.6	97	0.00
92	1,2,3-Trichlorobenzene	20.000	19.723	1.4	98	0.00

(#) = Out of Range

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