

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX102219\
 Data File : VX013168.D
 Acq On : 22 Oct 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 07:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 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	19.140	4.3	93	0.00
3 M	Chloromethane	20.000	18.673	6.6	94	0.00
4 M	Vinyl Chloride	20.000	18.652	6.7	94	0.00
5 M	Bromomethane	20.000	21.004	-5.0	91	0.00
6 M	Chloroethane	20.000	18.741	6.3	92	0.00
7 M	Trichlorofluoromethane	20.000	19.412	2.9	97	0.00
8 T	Diethyl Ether	20.000	18.642	6.8	94	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.412	2.9	100	0.00
10 M	1,1-Dichloroethene	20.000	18.569	7.2	93	0.00
11	Methyl Iodide	20.000	16.518	17.4	88	0.00
12	Methyl Acetate	20.000	18.397	8.0	90	0.00
13 M	Acrolein	100.000	70.629	29.4	66	0.00
14 M	Acrylonitrile	100.000	92.782	7.2	91	0.00
15 M	Acetone	100.000	110.520	-10.5	103	0.00
16 M	Carbon Disulfide	20.000	17.863	10.7	92	0.00
17	Allyl chloride	20.000	18.092	9.5	91	0.00
18 M	Methylene Chloride	20.000	18.586	7.1	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.110	4.5	96	0.00
20 T	Diisopropyl ether	20.000	18.850	5.7	93	0.00
21 M	1,1-Dichloroethane	20.000	18.686	6.6	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.185	4.1	95	0.00
23 M	tert-Butyl Alcohol	100.000	84.711	15.3	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.806	6.0	95	0.00
25 M	Chloroform	20.000	19.280	3.6	96	0.00
26	Cyclohexane	20.000	19.011	4.9	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.900	0.3	98	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	18.835	5.8	92	0.00
30 M	2-Butanone	100.000	102.756	-2.8	98	0.00
31	2,2-Dichloropropane	20.000	18.724	6.4	93	0.00
32 M	1,1,1-Trichloroethane	20.000	19.263	3.7	95	0.00
33 M	Carbon Tetrachloride	20.000	19.451	2.7	97	0.00
34 M	Benzene	20.000	19.245	3.8	93	0.00
35	Methacrylonitrile	20.000	19.170	4.1	95	0.00
36 M	1,2-Dichloroethane	20.000	19.354	3.2	94	0.00
37 M	Trichloroethene	20.000	19.963	0.2	98	0.00
38	Methylcyclohexane	20.000	19.598	2.0	99	0.00
39 M	1,2-Dichloropropane	20.000	19.021	4.9	93	0.00
40	Dibromomethane	20.000	19.650	1.8	96	0.00
41 M	Bromodichloromethane	20.000	19.276	3.6	95	0.00
42 M	Vinyl Acetate	100.000	94.805	5.2	92	0.00
43	Ethyl Acetate	20.000	18.851	5.7	94	0.00
44	Isopropyl Acetate	20.000	18.835	5.8	91	0.00
45 T	1,4-Dioxane	400.000	372.436	6.9	88	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102219\
 Data File : VX013168.D
 Acq On : 22 Oct 2019 09:44
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 23 07:47:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 22 01:53:07 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	18.764	6.2	92	0.00
47	n-amyl Acetate	20.000	18.320	8.4	95	0.00
48 M	t-1,3-Dichloropropene	20.000	18.195	9.0	93	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.647	6.8	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.705	1.5	96	0.00
51	Ethyl methacrylate	20.000	18.615	6.9	93	0.00
52	1,3-Dichloropropane	20.000	19.442	2.8	94	0.00
53 M	Dibromochloromethane	20.000	18.723	6.4	95	0.00
54 M	1,2-Dibromoethane	20.000	19.020	4.9	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.269	1.7	98	0.00
56 M	Bromoform	20.000	17.674	11.6	92	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	94.822	5.2	91	0.00
59 M	2-Hexanone	100.000	95.891	4.1	92	0.00
60 S	4-Bromofluorobenzene	30.000	29.452	1.8	97	0.00
61 M	Tetrachloroethene	20.000	20.870	-4.4	98	0.00
62 M	Toluene	20.000	19.549	2.3	95	0.00
63 S	Toluene-d8	30.000	30.570	-1.9	98	0.00
64 M	Chlorobenzene	20.000	19.340	3.3	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.904	5.5	92	0.00
66 M	Ethyl Benzene	20.000	19.282	3.6	96	0.00
67 M	m/p-Xylenes	40.000	39.022	2.4	96	0.00
68 M	o-Xylene	20.000	18.907	5.5	96	0.00
69 M	Styrene	20.000	19.081	4.6	94	0.00
70	Isopropylbenzene	20.000	19.430	2.9	96	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.762	6.2	94	0.00
72	1,2,3-Trichloropropane	20.000	21.116	-5.6	94	0.00
73	Bromobenzene	20.000	19.440	2.8	99	0.00
74	n-propylbenzene	20.000	19.784	1.1	99	0.00
75	2-Chlorotoluene	20.000	19.244	3.8	95	0.00
76	1,3,5-Trimethylbenzene	20.000	18.794	6.0	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.538	12.3	93	0.00
78	4-Chlorotoluene	20.000	19.099	4.5	97	0.00
79	tert-butylbenzene	20.000	18.743	6.3	98	0.00
80	1,2,4-Trimethylbenzene	20.000	19.352	3.2	99	0.00
81	sec-Butylbenzene	20.000	18.818	5.9	95	0.00
82	p-Isopropyltoluene	20.000	19.842	0.8	101	0.00
83 M	1,3-Dichlorobenzene	20.000	19.089	4.6	98	0.00
84 M	1,4-Dichlorobenzene	20.000	18.766	6.2	96	0.00
85	n-Butylbenzene	20.000	18.688	6.6	98	0.00
86 T	Hexachloroethane	20.000	17.993	10.0	94	0.00
87 M	1,2-Dichlorobenzene	20.000	19.104	4.5	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.595	12.0	87	0.00
89	1,2,4-Trichlorobenzene	20.000	19.405	3.0	101	0.00
90	Hexachlorobutadiene	20.000	18.603	7.0	100	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102219\
Data File : VX013168.D
Acq On : 22 Oct 2019 09:44
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Oct 23 07:47:08 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 22 01:53:07 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	18.713	6.4	95	0.00
92	1,2,3-Trichlorobenzene	20.000	19.156	4.2	99	0.00

(#) = Out of Range

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