

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX111419\
 Data File : VX013432.D
 Acq On : 14 Nov 2019 19:40
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 15 06:06:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	17.448	12.8	85	0.00
3 M	Chloromethane	20.000	18.781	6.1	92	0.00
4 M	Vinyl Chloride	20.000	18.709	6.5	92	0.00
5 M	Bromomethane	20.000	15.961	20.2	89	0.00
6 M	Chloroethane	20.000	18.613	6.9	94	0.00
7 M	Trichlorofluoromethane	20.000	18.056	9.7	92	0.00
8 T	Diethyl Ether	20.000	18.965	5.2	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.756	11.2	89	0.00
10 M	1,1-Dichloroethene	20.000	18.105	9.5	92	0.00
11	Methyl Iodide	20.000	18.006	10.0	97	0.00
12	Methyl Acetate	20.000	19.390	3.0	98	0.00
13 M	Acrolein	100.000	85.590	14.4	87	0.00
14 M	Acrylonitrile	100.000	94.328	5.7	96	0.00
15 M	Acetone	100.000	84.330	15.7	75	0.00
16 M	Carbon Disulfide	20.000	16.900	15.5	87	0.00
17	Allyl chloride	20.000	18.155	9.2	92	0.00
18 M	Methylene Chloride	20.000	18.389	8.1	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.145	9.3	93	0.00
20 T	Diisopropyl ether	20.000	18.574	7.1	95	0.00
21 M	1,1-Dichloroethane	20.000	18.295	8.5	94	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.521	7.4	95	0.00
23 M	tert-Butyl Alcohol	100.000	91.109	8.9	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.377	8.1	94	0.00
25 M	Chloroform	20.000	18.813	5.9	96	0.00
26	Cyclohexane	20.000	17.391	13.0	90	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.184	6.1	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.795	6.0	92	0.00
30 M	2-Butanone	100.000	98.596	1.4	90	0.00
31	2,2-Dichloropropane	20.000	18.156	9.2	86	0.00
32 M	1,1,1-Trichloroethane	20.000	19.395	3.0	93	0.00
33 M	Carbon Tetrachloride	20.000	18.470	7.7	88	0.00
34 M	Benzene	20.000	19.645	1.8	93	0.00
35	Methacrylonitrile	20.000	19.827	0.9	94	0.00
36 M	1,2-Dichloroethane	20.000	19.783	1.1	94	0.00
37 M	Trichloroethene	20.000	19.531	2.3	95	0.00
38	Methylcyclohexane	20.000	18.080	9.6	88	0.00
39 M	1,2-Dichloropropane	20.000	19.670	1.6	95	0.00
40	Dibromomethane	20.000	20.066	-0.3	96	0.00
41 M	Bromodichloromethane	20.000	18.839	5.8	90	0.00
42 M	Vinyl Acetate	100.000	97.567	2.4	93	0.00
43	Ethyl Acetate	20.000	20.372	-1.9	96	0.00
44	Isopropyl Acetate	20.000	19.227	3.9	93	0.00
45 T	1,4-Dioxane	400.000	404.977	-1.2	99	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX1111419\
 Data File : VX013432.D
 Acq On : 14 Nov 2019 19:40
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 15 06:06:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 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	19.375	3.1	95	0.00
47	n-amyl Acetate	20.000	18.439	7.8	92	0.00
48 M	t-1,3-Dichloropropene	20.000	17.882	10.6	90	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.881	5.6	92	0.00
50 M	1,1,2-Trichloroethane	20.000	19.715	1.4	93	0.00
51	Ethyl methacrylate	20.000	18.927	5.4	94	0.00
52	1,3-Dichloropropane	20.000	19.655	1.7	93	0.00
53 M	Dibromochloromethane	20.000	18.561	7.2	92	0.00
54 M	1,2-Dibromoethane	20.000	19.929	0.4	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.046	8.0	87	0.00
56 M	Bromoform	20.000	17.502	12.5	89	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.523	-2.5	97	0.00
59 M	2-Hexanone	100.000	99.169	0.8	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.567	1.4	92	0.00
61 M	Tetrachloroethene	20.000	19.646	1.8	95	0.00
62 M	Toluene	20.000	19.641	1.8	92	0.00
63 S	Toluene-d8	30.000	30.339	-1.1	92	0.00
64 M	Chlorobenzene	20.000	19.507	2.5	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.312	3.4	94	0.00
66 M	Ethyl Benzene	20.000	19.312	3.4	93	0.00
67 M	m/p-Xylenes	40.000	38.046	4.9	92	0.00
68 M	o-Xylene	20.000	19.561	2.2	95	0.00
69 M	Styrene	20.000	19.331	3.3	94	0.00
70	Isopropylbenzene	20.000	19.399	3.0	93	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.913	0.4	95	0.00
72	1,2,3-Trichloropropane	20.000	18.476	7.6	95	0.00
73	Bromobenzene	20.000	19.612	1.9	96	0.00
74	n-propylbenzene	20.000	19.083	4.6	92	0.00
75	2-Chlorotoluene	20.000	19.074	4.6	92	0.00
76	1,3,5-Trimethylbenzene	20.000	19.231	3.8	93	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.244	13.8	88	0.00
78	4-Chlorotoluene	20.000	18.938	5.3	93	0.00
79	tert-butylbenzene	20.000	19.139	4.3	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.171	4.1	93	0.00
81	sec-Butylbenzene	20.000	19.034	4.8	93	0.00
82	p-Isopropyltoluene	20.000	18.688	6.6	91	0.00
83 M	1,3-Dichlorobenzene	20.000	19.031	4.8	95	0.00
84 M	1,4-Dichlorobenzene	20.000	18.963	5.2	95	0.00
85	n-Butylbenzene	20.000	18.266	8.7	92	0.00
86 T	Hexachloroethane	20.000	17.576	12.1	90	0.00
87 M	1,2-Dichlorobenzene	20.000	19.169	4.2	94	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.466	2.7	99	0.00
89	1,2,4-Trichlorobenzene	20.000	18.714	6.4	95	0.00
90	Hexachlorobutadiene	20.000	18.992	5.0	95	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX1111419\
Data File : VX013432.D
Acq On : 14 Nov 2019 19:40
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Nov 15 06:06:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 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	18.886	5.6	94	0.00
92	1,2,3-Trichlorobenzene	20.000	18.519	7.4	92	0.00

(#) = Out of Range

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