

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015273.D
 Acq On : 13 Mar 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 16 09:40:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	17.177	14.1	89	0.00
3 M	Chloromethane	20.000	17.035	14.8	85	0.00
4 M	Vinyl Chloride	20.000	16.690	16.5	84	0.00
5 M	Bromomethane	20.000	16.221	18.9	83	0.00
6 M	Chloroethane	20.000	16.301	18.5	81	0.00
7 M	Trichlorofluoromethane	20.000	16.583	17.1	82	0.00
8 T	Diethyl Ether	20.000	15.986	20.1	80	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.123	14.4	87	0.00
10 M	1,1-Dichloroethene	20.000	17.299	13.5	88	0.00
11	Methyl Iodide	20.000	14.861	25.7	92	0.00
12	Methyl Acetate	20.000	19.190	4.0	102	0.00
13 M	Acrolein	100.000	73.067	26.9	77	0.00
14 M	Acrylonitrile	100.000	94.329	5.7	102	0.00
15 M	Acetone	100.000	81.780	18.2	74	0.00
16 M	Carbon Disulfide	20.000	17.222	13.9	96	0.00
17	Allyl chloride	20.000	18.126	9.4	98	0.00
18 M	Methylene Chloride	20.000	18.099	9.5	97	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.125	9.4	100	0.00
20 T	Diisopropyl ether	20.000	18.436	7.8	98	0.00
21 M	1,1-Dichloroethane	20.000	18.596	7.0	100	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.178	9.1	96	0.00
23 M	tert-Butyl Alcohol	100.000	91.757	8.2	102	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.923	10.4	97	0.00
25 M	Chloroform	20.000	18.668	6.7	95	0.00
26	Cyclohexane	20.000	17.836	10.8	94	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.573	1.4	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	18.846	5.8	94	0.00
30 M	2-Butanone	100.000	93.406	6.6	92	0.00
31	2,2-Dichloropropane	20.000	16.200	19.0	84	0.00
32 M	1,1,1-Trichloroethane	20.000	18.513	7.4	91	0.00
33 M	Carbon Tetrachloride	20.000	18.636	6.8	93	0.00
34 M	Benzene	20.000	19.161	4.2	93	0.00
35	Methacrylonitrile	20.000	19.612	1.9	102	0.00
36 M	1,2-Dichloroethane	20.000	18.778	6.1	91	-0.18
37 M	Trichloroethene	20.000	19.608	2.0	100	0.00
38	Methylcyclohexane	20.000	17.844	10.8	94	0.00
39 M	1,2-Dichloropropane	20.000	19.842	0.8	102	0.00
40	Dibromomethane	20.000	19.540	2.3	99	0.00
41 M	Bromodichloromethane	20.000	18.864	5.7	100	0.00
42 M	Vinyl Acetate	100.000	92.845	7.2	97	0.00
43	Ethyl Acetate	20.000	20.117	-0.6	104	0.00
44	Isopropyl Acetate	20.000	18.956	5.2	94	0.00
45 T	1,4-Dioxane	400.000	429.848	-7.5	113	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015273.D
 Acq On : 13 Mar 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 16 09:40:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 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	19.083	4.6	99	0.00
47	n-amyl Acetate	20.000	17.844	10.8	91	0.00
48 M	t-1,3-Dichloropropene	20.000	18.737	6.3	100	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.120	4.4	98	0.00
50 M	1,1,2-Trichloroethane	20.000	19.860	0.7	101	0.00
51	Ethyl methacrylate	20.000	19.134	4.3	99	0.00
52	1,3-Dichloropropane	20.000	20.572	-2.9	104	0.00
53 M	Dibromochloromethane	20.000	19.474	2.6	102	0.00
54 M	1,2-Dibromoethane	20.000	20.316	-1.6	103	0.00
55 M	2-Chloroethyl vinyl ether	100.000	98.735	1.3	102	0.00
56 M	Bromoform	20.000	18.725	6.4	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.257	1.7	103	0.00
59 M	2-Hexanone	100.000	95.712	4.3	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.807	0.6	98	0.00
61 M	Tetrachloroethene	20.000	19.397	3.0	100	0.00
62 M	Toluene	20.000	19.085	4.6	101	0.00
63 S	Toluene-d8	30.000	30.773	-2.6	104	0.00
64 M	Chlorobenzene	20.000	18.644	6.8	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.836	5.8	95	0.00
66 M	Ethyl Benzene	20.000	18.661	6.7	95	0.00
67 M	m/p-Xylenes	40.000	37.393	6.5	95	0.00
68 M	o-Xylene	20.000	18.420	7.9	95	0.00
69 M	Styrene	20.000	18.433	7.8	94	0.00
70	Isopropylbenzene	20.000	18.575	7.1	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.877	5.6	97	0.00
72	1,2,3-Trichloropropane	20.000	18.866	5.7	94	0.00
73	Bromobenzene	20.000	18.616	6.9	96	0.00
74	n-propylbenzene	20.000	18.546	7.3	97	0.00
75	2-Chlorotoluene	20.000	18.436	7.8	95	0.00
76	1,3,5-Trimethylbenzene	20.000	18.140	9.3	94	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.529	17.4	91	0.00
78	4-Chlorotoluene	20.000	18.643	6.8	95	0.00
79	tert-butylbenzene	20.000	18.592	7.0	102	0.00
80	1,2,4-Trimethylbenzene	20.000	18.797	6.0	101	0.00
81	sec-Butylbenzene	20.000	18.536	7.3	101	0.00
82	p-Isopropyltoluene	20.000	18.362	8.2	99	0.00
83 M	1,3-Dichlorobenzene	20.000	18.933	5.3	102	0.00
84 M	1,4-Dichlorobenzene	20.000	19.046	4.8	103	0.00
85	n-Butylbenzene	20.000	18.247	8.8	99	0.00
86 T	Hexachloroethane	20.000	18.277	8.6	103	0.00
87 M	1,2-Dichlorobenzene	20.000	19.203	4.0	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.114	9.4	101	0.00
89	1,2,4-Trichlorobenzene	20.000	18.348	8.3	101	0.00
90	Hexachlorobutadiene	20.000	17.508	12.5	93	0.00

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015273.D
Acq On : 13 Mar 2020 20:59
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: Mar 16 09:40:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 2020
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	18.653	6.7	102	0.00
92	1,2,3-Trichlorobenzene	20.000	18.700	6.5	103	0.00

(#) = Out of Range

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