

Data Path : W:\HPCHEM1\MSVOA X\Data\VX053118\
 Data File : VX002172.D
 Acq On : 31 May 2018 11:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 31 12:04:03 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 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	83	0.00
2 M	Dichlorodifluoromethane	20.000	20.457	-2.3	89	0.00
3 M	Chloromethane	20.000	20.319	-1.6	88	0.00
4 M	Vinyl Chloride	20.000	21.345	-6.7	92	0.00
5 M	Bromomethane	20.000	19.333	3.3	79	0.00
6 M	Chloroethane	20.000	22.825	-14.1	97	0.00
7 M	Trichlorofluoromethane	20.000	23.578	-17.9	100	0.00
8 T	Diethyl Ether	20.000	22.570	-12.9	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	25.333	-26.7	108	0.00
10 M	1,1-Dichloroethene	20.000	22.715	-13.6	97	0.00
11	Methyl Iodide	20.000	14.639	26.8	66	0.00
12	Methyl Acetate	20.000	23.476	-17.4	102	0.00
13 M	Acrolein	100.000	102.125	-2.1	91	0.00
14 M	Acrylonitrile	100.000	106.194	-6.2	91	0.00
15 M	Acetone	100.000	121.760	-21.8	104	0.00
16 M	Carbon Disulfide	20.000	17.798	11.0	77	0.00
17	Allyl chloride	20.000	23.311	-16.6	98	0.00
18 M	Methylene Chloride	20.000	22.943	-14.7	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	22.432	-12.2	96	0.00
20 T	Diisopropyl ether	20.000	23.822	-19.1	102	-0.01
21 M	1,1-Dichloroethane	20.000	23.326	-16.6	99	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.099	-0.5	88	0.00
23 M	tert-Butyl Alcohol	100.000	104.264	-4.3	88	-0.02
24 M	Methyl tert-Butyl Ether	20.000	22.784	-13.9	97	0.00
25 M	Chloroform	20.000	20.346	-1.7	88	-0.01
26	Cyclohexane	20.000	20.768	-3.8	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.386	-1.3	85	-0.01
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	87	0.00
29	1,1-Dichloropropene	20.000	20.405	-2.0	92	0.00
30 M	2-Butanone	100.000	88.640	11.4	79	-0.01
31	2,2-Dichloropropane	20.000	26.373	-31.9#	114	0.00
32 M	1,1,1-Trichloroethane	20.000	18.466	7.7	83	0.00
33 M	Carbon Tetrachloride	20.000	17.494	12.5	78	0.00
34 M	Benzene	20.000	19.654	1.7	87	0.00
35	Methacrylonitrile	20.000	17.395	13.0	79	-0.01
36 M	1,2-Dichloroethane	20.000	20.051	-0.3	89	-0.01
37 M	Trichloroethene	20.000	19.816	0.9	88	0.00
38	Methylcyclohexane	20.000	21.384	-6.9	96	0.00
39 M	1,2-Dichloropropane	20.000	19.738	1.3	88	0.00
40	Dibromomethane	20.000	18.993	5.0	84	0.00
41 M	Bromodichloromethane	20.000	17.437	12.8	78	0.00
42 M	Vinyl Acetate	100.000	111.309	-11.3	97	0.00
43	Ethyl Acetate	20.000	17.025	14.9	75	-0.01
44	Isopropyl Acetate	20.000	17.551	12.2	78	-0.01
45 T	1,4-Dioxane	400.000	342.872	14.3	77	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX053118\
 Data File : VX002172.D
 Acq On : 31 May 2018 11:41
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 31 12:04:03 2018
 Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 25 02:17:15 2018
 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	17.750	11.3	80	0.00
47	n-amyl Acetate	20.000	17.206	14.0	79	0.00
48 M	t-1,3-Dichloropropene	20.000	18.901	5.5	85	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.197	9.0	83	0.00
50 M	1,1,2-Trichloroethane	20.000	20.258	-1.3	92	0.00
51	Ethyl methacrylate	20.000	18.213	8.9	82	0.00
52	1,3-Dichloropropane	20.000	20.118	-0.6	90	0.00
53 M	Dibromochloromethane	20.000	16.165	19.2	74	0.00
54 M	1,2-Dibromoethane	20.000	18.906	5.5	86	0.00
55 M	2-Chloroethyl vinyl ether	100.000	147.203	-47.2#	126	0.00
56 M	Bromoform	20.000	13.939	30.3#	66	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	89.640	10.4	80	0.00
59 M	2-Hexanone	100.000	88.504	11.5	80	0.00
60 S	4-Bromofluorobenzene	30.000	29.396	2.0	90	0.00
61 M	Tetrachloroethene	20.000	20.107	-0.5	91	0.00
62 M	Toluene	20.000	19.791	1.0	91	0.00
63 S	Toluene-d8	30.000	29.955	0.2	90	0.00
64 M	Chlorobenzene	20.000	20.053	-0.3	93	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.096	9.5	83	0.00
66 M	Ethyl Benzene	20.000	20.189	-0.9	93	0.00
67 M	m/p-Xylenes	40.000	40.325	-0.8	94	0.00
68 M	o-Xylene	20.000	19.804	1.0	92	0.00
69 M	Styrene	20.000	19.429	2.9	92	0.00
70	Isopropylbenzene	20.000	20.363	-1.8	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.654	6.7	88	0.00
72	1,2,3-Trichloropropane	20.000	23.701	-18.5	99	0.00
73	Bromobenzene	20.000	19.981	0.1	95	0.00
74	n-propylbenzene	20.000	20.928	-4.6	98	0.00
75	2-Chlorotoluene	20.000	20.133	-0.7	94	0.00
76	1,3,5-Trimethylbenzene	20.000	20.317	-1.6	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.277	23.6	72	0.00
78	4-Chlorotoluene	20.000	20.531	-2.7	98	0.00
79	tert-butylbenzene	20.000	20.925	-4.6	99	0.00
80	1,2,4-Trimethylbenzene	20.000	20.491	-2.5	96	0.00
81	sec-Butylbenzene	20.000	20.952	-4.8	98	0.00
82	p-Isopropyltoluene	20.000	20.925	-4.6	99	0.00
83 M	1,3-Dichlorobenzene	20.000	20.336	-1.7	99	0.00
84 M	1,4-Dichlorobenzene	20.000	20.686	-3.4	101	0.00
85	n-Butylbenzene	20.000	21.550	-7.8	105	0.00
86 T	Hexachloroethane	20.000	14.753	26.2	70	0.00
87 M	1,2-Dichlorobenzene	20.000	20.194	-1.0	98	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.063	29.7	67	0.00
89	1,2,4-Trichlorobenzene	20.000	20.603	-3.0	103	0.00
90	Hexachlorobutadiene	20.000	21.343	-6.7	104	0.00

Data Path : W:\HPCHEM1\MSVOA X\Data\VX053118\
Data File : VX002172.D
Acq On : 31 May 2018 11:41
Operator : JC/MD
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
LabSampleId :
VSTDCCC020

Quant Time: May 31 12:04:03 2018
Quant Method : W:\HPCHEM1\MSVOA X\METHOD\624X052518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 25 02:17:15 2018
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	18.889	5.6	90	0.00
92	1,2,3-Trichlorobenzene	20.000	20.303	-1.5	99	0.00

(#) = Out of Range

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