

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100218\
 Data File : VX004920.D
 Acq On : 02 Oct 2018 15:39
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 03 08:24:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.386	3.1	94	0.00
3 M	Chloromethane	20.000	20.029	-0.1	98	0.00
4 M	Vinyl Chloride	20.000	19.054	4.7	94	0.00
5 M	Bromomethane	20.000	19.236	3.8	105	0.00
6 M	Chloroethane	20.000	19.318	3.4	95	0.00
7 M	Trichlorofluoromethane	20.000	19.261	3.7	96	0.00
8 T	Diethyl Ether	20.000	19.096	4.5	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.618	6.9	94	0.00
10 M	1,1-Dichloroethene	20.000	18.232	8.8	93	0.00
11	Methyl Iodide	20.000	21.361	-6.8	112	0.00
12	Methyl Acetate	20.000	20.684	-3.4	101	0.00
13 M	Acrolein	100.000	87.916	12.1	92	0.00
14 M	Acrylonitrile	100.000	97.967	2.0	98	0.00
15 M	Acetone	100.000	91.277	8.7	84	0.00
16 M	Carbon Disulfide	20.000	18.437	7.8	94	0.00
17	Allyl chloride	20.000	19.143	4.3	95	0.00
18 M	Methylene Chloride	20.000	19.455	2.7	99	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.612	6.9	95	0.00
20 T	Diisopropyl ether	20.000	19.025	4.9	99	0.00
21 M	1,1-Dichloroethane	20.000	19.689	1.6	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.749	6.3	96	0.00
23 M	tert-Butyl Alcohol	100.000	99.479	0.5	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.396	3.0	98	0.00
25 M	Chloroform	20.000	19.082	4.6	98	0.00
26	Cyclohexane	20.000	18.262	8.7	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.651	1.2	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	98	0.00
29	1,1-Dichloropropene	20.000	19.409	3.0	95	0.00
30 M	2-Butanone	100.000	101.840	-1.8	93	0.00
31	2,2-Dichloropropane	20.000	19.967	0.2	96	0.00
32 M	1,1,1-Trichloroethane	20.000	20.047	-0.2	96	0.00
33 M	Carbon Tetrachloride	20.000	19.284	3.6	94	0.00
34 M	Benzene	20.000	20.176	-0.9	96	0.00
35	Methacrylonitrile	20.000	20.837	-4.2	99	0.00
36 M	1,2-Dichloroethane	20.000	19.785	1.1	94	0.00
37 M	Trichloroethene	20.000	19.982	0.1	97	0.00
38	Methylcyclohexane	20.000	18.503	7.5	94	0.00
39 M	1,2-Dichloropropane	20.000	20.552	-2.8	99	0.00
40	Dibromomethane	20.000	20.660	-3.3	100	0.00
41 M	Bromodichloromethane	20.000	19.990	0.1	98	0.00
42 M	Vinyl Acetate	100.000	105.301	-5.3	102	0.00
43	Ethyl Acetate	20.000	20.434	-2.2	99	0.00
44	Isopropyl Acetate	20.000	20.345	-1.7	99	0.00
45 T	1,4-Dioxane	400.000	424.015	-6.0	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.413	-2.1	99	0.00
47	n-amyl Acetate	20.000	19.012	4.9	98	0.00
48 M	t-1,3-Dichloropropene	20.000	19.510	2.4	98	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.905	0.5	96	0.00
50 M	1,1,2-Trichloroethane	20.000	20.825	-4.1	100	0.00
51	Ethyl methacrylate	20.000	19.576	2.1	99	0.00
52	1,3-Dichloropropane	20.000	20.296	-1.5	97	0.00
53 M	Dibromochloromethane	20.000	19.566	2.2	98	0.00
54 M	1,2-Dibromoethane	20.000	20.305	-1.5	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.465	-4.5	104	0.00
56 M	Bromoform	20.000	19.025	4.9	99	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.304	-3.3	99	0.00
59 M	2-Hexanone	100.000	99.532	0.5	96	0.00
60 S	4-Bromofluorobenzene	30.000	29.254	2.5	99	0.00
61 M	Tetrachloroethene	20.000	20.228	-1.1	96	0.00
62 M	Toluene	20.000	20.014	-0.1	97	0.00
63 S	Toluene-d8	30.000	30.508	-1.7	98	0.00
64 M	Chlorobenzene	20.000	19.683	1.6	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.761	1.2	97	0.00
66 M	Ethyl Benzene	20.000	19.309	3.5	96	0.00
67 M	m/p-Xylenes	40.000	38.785	3.0	96	0.00
68 M	o-Xylene	20.000	19.264	3.7	97	0.00
69 M	Styrene	20.000	19.331	3.3	97	0.00
70	Isopropylbenzene	20.000	19.401	3.0	95	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.347	3.3	98	0.00
72	1,2,3-Trichloropropane	20.000	19.762	1.2	97	0.00
73	Bromobenzene	20.000	19.188	4.1	96	0.00
74	n-propylbenzene	20.000	19.122	4.4	95	0.00
75	2-Chlorotoluene	20.000	19.453	2.7	97	0.00
76	1,3,5-Trimethylbenzene	20.000	19.088	4.6	95	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.037	9.8	101	0.00
78	4-Chlorotoluene	20.000	19.066	4.7	96	0.00
79	tert-butylbenzene	20.000	18.925	5.4	95	0.00
80	1,2,4-Trimethylbenzene	20.000	19.391	3.0	96	0.00
81	sec-Butylbenzene	20.000	19.051	4.7	96	0.00
82	p-Isopropyltoluene	20.000	18.925	5.4	95	0.00
83 M	1,3-Dichlorobenzene	20.000	18.957	5.2	96	0.00
84 M	1,4-Dichlorobenzene	20.000	18.870	5.6	96	0.00
85	n-Butylbenzene	20.000	18.303	8.5	95	0.00
86 T	Hexachloroethane	20.000	18.028	9.9	96	0.00
87 M	1,2-Dichlorobenzene	20.000	19.039	4.8	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.363	3.2	98	0.00
89	1,2,4-Trichlorobenzene	20.000	18.424	7.9	97	0.00
90	Hexachlorobutadiene	20.000	18.295	8.5	96	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.023	4.9	98	0.00
92	1,2,3-Trichlorobenzene	20.000	18.485	7.6	96	0.00

(#) = Out of Range

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