

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX051019\
 Data File : VX009471.D
 Acq On : 10 May 2019 10:06
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 10 15:14:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 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	92	0.00
2 M	Dichlorodifluoromethane	20.000	19.366	3.2	90	0.00
3 M	Chloromethane	20.000	20.611	-3.1	96	0.00
4 M	Vinyl Chloride	20.000	20.874	-4.4	97	0.00
5 M	Bromomethane	20.000	19.104	4.5	99	0.00
6 M	Chloroethane	20.000	19.948	0.3	90	0.00
7 M	Trichlorofluoromethane	20.000	21.209	-6.0	100	0.00
8 T	Diethyl Ether	20.000	20.797	-4.0	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.433	-7.2	100	0.00
10 M	1,1-Dichloroethene	20.000	21.080	-5.4	98	0.00
11	Methyl Iodide	20.000	18.316	8.4	92	0.00
12	Methyl Acetate	20.000	18.036	9.8	86	0.00
13 M	Acrolein	100.000	105.086	-5.1	106	0.00
14 M	Acrylonitrile	100.000	98.806	1.2	93	0.00
15 M	Acetone	100.000	113.805	-13.8	104	0.00
16 M	Carbon Disulfide	20.000	22.483	-12.4	105	0.00
17	Allyl chloride	20.000	20.386	-1.9	96	0.00
18 M	Methylene Chloride	20.000	21.175	-5.9	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.479	-7.4	101	0.00
20 T	Diisopropyl ether	20.000	20.464	-2.3	96	0.00
21 M	1,1-Dichloroethane	20.000	20.638	-3.2	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.158	-5.8	99	0.00
23 M	tert-Butyl Alcohol	100.000	93.517	6.5	91	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.466	-2.3	98	0.00
25 M	Chloroform	20.000	20.816	-4.1	97	0.00
26	Cyclohexane	20.000	21.548	-7.7	100	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.684	4.4	89	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	88	0.00
29	1,1-Dichloropropene	20.000	22.410	-12.1	100	0.00
30 M	2-Butanone	100.000	107.372	-7.4	96	0.00
31	2,2-Dichloropropane	20.000	21.673	-8.4	98	0.00
32 M	1,1,1-Trichloroethane	20.000	22.105	-10.5	102	0.00
33 M	Carbon Tetrachloride	20.000	21.871	-9.4	99	0.00
34 M	Benzene	20.000	22.234	-11.2	99	0.00
35	Methacrylonitrile	20.000	20.582	-2.9	92	0.00
36 M	1,2-Dichloroethane	20.000	22.007	-10.0	98	0.00
37 M	Trichloroethene	20.000	22.608	-13.0	103	0.00
38	Methylcyclohexane	20.000	23.062	-15.3	104	0.00
39 M	1,2-Dichloropropane	20.000	21.558	-7.8	97	0.00
40	Dibromomethane	20.000	21.920	-9.6	98	0.00
41 M	Bromodichloromethane	20.000	21.492	-7.5	98	0.00
42 M	Vinyl Acetate	100.000	109.904	-9.9	98	0.00
43	Ethyl Acetate	20.000	20.945	-4.7	91	0.00
44	Isopropyl Acetate	20.000	20.672	-3.4	95	0.00
45 T	1,4-Dioxane	400.000	410.238	-2.6	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.876	-4.4	95	0.00
47	n-amyl Acetate	20.000	20.335	-1.7	94	0.00
48 M	t-1,3-Dichloropropene	20.000	20.700	-3.5	97	0.00
49 T	cis-1,3-Dichloropropene	20.000	21.556	-7.8	99	0.00
50 M	1,1,2-Trichloroethane	20.000	21.530	-7.7	96	0.00
51	Ethyl methacrylate	20.000	20.957	-4.8	96	0.00
52	1,3-Dichloropropane	20.000	21.879	-9.4	98	0.00
53 M	Dibromochloromethane	20.000	21.207	-6.0	98	0.00
54 M	1,2-Dibromoethane	20.000	21.848	-9.2	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	109.604	-9.6	95	0.00
56 M	Bromoform	20.000	20.497	-2.5	98	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	100.000	104.180	-4.2	94	0.00
59 M	2-Hexanone	100.000	103.395	-3.4	93	0.00
60 S	4-Bromofluorobenzene	30.000	29.482	1.7	88	0.00
61 M	Tetrachloroethene	20.000	23.181	-15.9	105	0.00
62 M	Toluene	20.000	22.329	-11.6	100	0.00
63 S	Toluene-d8	30.000	29.706	1.0	87	0.00
64 M	Chlorobenzene	20.000	22.154	-10.8	101	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.622	-8.1	100	0.00
66 M	Ethyl Benzene	20.000	22.140	-10.7	100	0.00
67 M	m/p-Xylenes	40.000	44.412	-11.0	101	0.00
68 M	o-Xylene	20.000	21.923	-9.6	101	0.00
69 M	Styrene	20.000	21.844	-9.2	100	0.00
70	Isopropylbenzene	20.000	22.110	-10.5	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.945	-4.7	97	0.00
72	1,2,3-Trichloropropane	20.000	21.797	-9.0	98	0.00
73	Bromobenzene	20.000	21.712	-8.6	99	0.00
74	n-propylbenzene	20.000	22.313	-11.6	102	0.00
75	2-Chlorotoluene	20.000	22.058	-10.3	100	0.00
76	1,3,5-Trimethylbenzene	20.000	22.188	-10.9	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.551	2.2	96	0.00
78	4-Chlorotoluene	20.000	22.194	-11.0	102	0.00
79	tert-butylbenzene	20.000	21.869	-9.3	100	0.00
80	1,2,4-Trimethylbenzene	20.000	22.078	-10.4	101	0.00
81	sec-Butylbenzene	20.000	22.317	-11.6	102	0.00
82	p-Isopropyltoluene	20.000	22.278	-11.4	102	0.00
83 M	1,3-Dichlorobenzene	20.000	21.963	-9.8	103	0.00
84 M	1,4-Dichlorobenzene	20.000	22.000	-10.0	104	0.00
85	n-Butylbenzene	20.000	21.987	-9.9	104	0.00
86 T	Hexachloroethane	20.000	20.572	-2.9	95	0.00
87 M	1,2-Dichlorobenzene	20.000	21.593	-8.0	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.355	-1.8	95	0.00
89	1,2,4-Trichlorobenzene	20.000	22.289	-11.4	107	0.00
90	Hexachlorobutadiene	20.000	23.202	-16.0	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.570	-7.9	99	0.00
92	1,2,3-Trichlorobenzene	20.000	22.539	-12.7	105	0.00

(#) = Out of Range

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