

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX040219\
 Data File : VX008603.D
 Acq On : 02 Apr 2019 20:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 03 04:06:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	18.181	9.1	75	0.00
3 M	Chloromethane	20.000	19.925	0.4	81	0.00
4 M	Vinyl Chloride	20.000	18.131	9.3	75	0.00
5 M	Bromomethane	20.000	18.237	8.8	82	0.00
6 M	Chloroethane	20.000	17.144	14.3	75	0.00
7 M	Trichlorofluoromethane	20.000	18.645	6.8	77	0.00
8 T	Diethyl Ether	20.000	18.848	5.8	77	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.409	3.0	82	0.00
10 M	1,1-Dichloroethene	20.000	19.730	1.3	82	0.00
11	Methyl Iodide	20.000	14.185	29.1	65	0.00
12	Methyl Acetate	20.000	20.700	-3.5	85	0.00
13 M	Acrolein	100.000	100.760	-0.8	85	0.00
14 M	Acrylonitrile	100.000	106.099	-6.1	88	0.00
15 M	Acetone	100.000	93.168	6.8	70	0.00
16 M	Carbon Disulfide	20.000	18.832	5.8	79	0.00
17	Allyl chloride	20.000	20.073	-0.4	85	0.00
18 M	Methylene Chloride	20.000	20.592	-3.0	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.459	2.7	81	0.00
20 T	Diisopropyl ether	20.000	20.426	-2.1	85	0.00
21 M	1,1-Dichloroethane	20.000	20.318	-1.6	84	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.856	0.7	84	0.00
23 M	tert-Butyl Alcohol	100.000	107.769	-7.8	90	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.153	-0.8	84	0.00
25 M	Chloroform	20.000	20.422	-2.1	84	0.00
26	Cyclohexane	20.000	19.438	2.8	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.172	-0.6	82	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	82	0.00
29	1,1-Dichloropropene	20.000	19.265	3.7	81	0.00
30 M	2-Butanone	100.000	102.858	-2.9	82	0.00
31	2,2-Dichloropropane	20.000	19.105	4.5	81	0.00
32 M	1,1,1-Trichloroethane	20.000	19.758	1.2	83	0.00
33 M	Carbon Tetrachloride	20.000	19.450	2.8	82	0.00
34 M	Benzene	20.000	19.954	0.2	82	0.00
35	Methacrylonitrile	20.000	21.061	-5.3	89	0.00
36 M	1,2-Dichloroethane	20.000	20.493	-2.5	85	0.00
37 M	Trichloroethene	20.000	19.604	2.0	83	0.00
38	Methylcyclohexane	20.000	19.155	4.2	81	0.00
39 M	1,2-Dichloropropane	20.000	20.128	-0.6	83	0.00
40	Dibromomethane	20.000	19.798	1.0	83	0.00
41 M	Bromodichloromethane	20.000	19.823	0.9	84	0.00
42 M	Vinyl Acetate	100.000	103.530	-3.5	85	0.00
43	Ethyl Acetate	20.000	21.139	-5.7	86	0.00
44	Isopropyl Acetate	20.000	20.417	-2.1	86	0.00
45 T	1,4-Dioxane	400.000	426.678	-6.7	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.523	-2.6	87	0.00
47	n-amyl Acetate	20.000	20.311	-1.6	88	0.00
48 M	t-1,3-Dichloropropene	20.000	19.303	3.5	85	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.696	1.5	84	0.00
50 M	1,1,2-Trichloroethane	20.000	20.141	-0.7	86	0.00
51	Ethyl methacrylate	20.000	19.697	1.5	85	0.00
52	1,3-Dichloropropane	20.000	20.048	-0.2	83	0.00
53 M	Dibromochloromethane	20.000	19.098	4.5	83	0.00
54 M	1,2-Dibromoethane	20.000	19.996	0.0	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	100.594	-0.6	93	0.00
56 M	Bromoform	20.000	18.807	6.0	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.387	-5.4	89	0.00
59 M	2-Hexanone	100.000	102.871	-2.9	84	0.00
60 S	4-Bromofluorobenzene	30.000	29.173	2.8	82	0.00
61 M	Tetrachloroethene	20.000	20.615	-3.1	87	0.00
62 M	Toluene	20.000	19.992	0.0	84	0.00
63 S	Toluene-d8	30.000	29.575	1.4	80	0.00
64 M	Chlorobenzene	20.000	19.750	1.3	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.583	2.1	85	0.00
66 M	Ethyl Benzene	20.000	19.652	1.7	83	0.00
67 M	m/p-Xylenes	40.000	39.015	2.5	83	0.00
68 M	o-Xylene	20.000	19.617	1.9	83	0.00
69 M	Styrene	20.000	19.285	3.6	84	0.00
70	Isopropylbenzene	20.000	19.796	1.0	85	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.225	-1.1	86	0.00
72	1,2,3-Trichloropropane	20.000	20.481	-2.4	85	0.00
73	Bromobenzene	20.000	19.522	2.4	85	0.00
74	n-propylbenzene	20.000	18.938	5.3	82	0.00
75	2-Chlorotoluene	20.000	19.413	2.9	83	0.00
76	1,3,5-Trimethylbenzene	20.000	19.087	4.6	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.829	5.9	89	0.00
78	4-Chlorotoluene	20.000	18.886	5.6	83	0.00
79	tert-butylbenzene	20.000	19.103	4.5	82	0.00
80	1,2,4-Trimethylbenzene	20.000	19.190	4.0	83	0.00
81	sec-Butylbenzene	20.000	19.200	4.0	83	0.00
82	p-Isopropyltoluene	20.000	19.103	4.5	82	0.00
83 M	1,3-Dichlorobenzene	20.000	19.161	4.2	84	0.00
84 M	1,4-Dichlorobenzene	20.000	19.301	3.5	85	0.00
85	n-Butylbenzene	20.000	18.253	8.7	81	0.00
86 T	Hexachloroethane	20.000	18.335	8.3	83	0.00
87 M	1,2-Dichlorobenzene	20.000	19.604	2.0	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.454	-2.3	87	0.00
89	1,2,4-Trichlorobenzene	20.000	19.708	1.5	88	0.00
90	Hexachlorobutadiene	20.000	19.633	1.8	86	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	20.539	-2.7	86	0.00
92	1,2,3-Trichlorobenzene	20.000	20.401	-2.0	88	0.00

(#) = Out of Range

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