

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022219\
 Data File : VX007660.D
 Acq On : 22 Feb 2019 15:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 23 01:16:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	21.257	-6.3	92	0.00
3 M	Chloromethane	20.000	20.532	-2.7	88	0.00
4 M	Vinyl Chloride	20.000	19.810	1.0	87	0.00
5 M	Bromomethane	20.000	16.249	18.8	80	0.00
6 M	Chloroethane	20.000	18.511	7.4	85	0.00
7 M	Trichlorofluoromethane	20.000	19.354	3.2	85	0.00
8 T	Diethyl Ether	20.000	19.287	3.6	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.524	-2.6	91	0.00
10 M	1,1-Dichloroethene	20.000	19.529	2.4	85	0.00
11	Methyl Iodide	20.000	20.103	-0.5	92	0.00
12	Methyl Acetate	20.000	17.700	11.5	81	0.00
13 M	Acrolein	100.000	70.045	30.0	65	0.00
14 M	Acrylonitrile	100.000	92.011	8.0	80	0.00
15 M	Acetone	100.000	92.983	7.0	81	0.00
16 M	Carbon Disulfide	20.000	18.985	5.1	85	0.00
17	Allyl chloride	20.000	18.363	8.2	83	0.00
18 M	Methylene Chloride	20.000	18.867	5.7	83	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.469	2.7	87	0.00
20 T	Diisopropyl ether	20.000	20.050	-0.3	88	0.00
21 M	1,1-Dichloroethane	20.000	19.966	0.2	88	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.973	0.1	87	0.00
23 M	tert-Butyl Alcohol	100.000	85.757	14.2	76	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.696	6.5	83	0.00
25 M	Chloroform	20.000	20.337	-1.7	90	0.00
26	Cyclohexane	20.000	19.795	1.0	86	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.709	-2.4	88	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	85	0.00
29	1,1-Dichloropropene	20.000	20.100	-0.5	87	0.00
30 M	2-Butanone	100.000	98.216	1.8	83	0.00
31	2,2-Dichloropropane	20.000	23.014	-15.1	100	0.00
32 M	1,1,1-Trichloroethane	20.000	20.486	-2.4	89	0.00
33 M	Carbon Tetrachloride	20.000	19.916	0.4	89	0.00
34 M	Benzene	20.000	19.985	0.1	86	0.00
35	Methacrylonitrile	20.000	20.217	-1.1	88	0.00
36 M	1,2-Dichloroethane	20.000	20.035	-0.2	87	0.00
37 M	Trichloroethene	20.000	20.032	-0.2	86	0.00
38	Methylcyclohexane	20.000	20.383	-1.9	89	0.00
39 M	1,2-Dichloropropane	20.000	19.799	1.0	86	0.00
40	Dibromomethane	20.000	20.252	-1.3	86	0.00
41 M	Bromodichloromethane	20.000	20.043	-0.2	89	0.00
42 M	Vinyl Acetate	100.000	101.062	-1.1	86	0.00
43	Ethyl Acetate	20.000	19.687	1.6	84	0.00
44	Isopropyl Acetate	20.000	19.554	2.2	87	0.00
45 T	1,4-Dioxane	400.000	351.706	12.1	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.451	2.7	85	0.00
47	n-amyl Acetate	20.000	20.239	-1.2	90	0.00
48 M	t-1,3-Dichloropropene	20.000	19.973	0.1	92	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.221	-1.1	90	0.00
50 M	1,1,2-Trichloroethane	20.000	21.097	-5.5	90	0.00
51	Ethyl methacrylate	20.000	19.425	2.9	84	0.00
52	1,3-Dichloropropane	20.000	20.860	-4.3	89	0.00
53 M	Dibromochloromethane	20.000	19.769	1.2	89	0.00
54 M	1,2-Dibromoethane	20.000	20.601	-3.0	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.843	-1.8	88	0.00
56 M	Bromoform	20.000	19.158	4.2	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.527	1.5	85	0.00
59 M	2-Hexanone	100.000	98.617	1.4	85	0.00
60 S	4-Bromofluorobenzene	30.000	30.831	-2.8	89	0.00
61 M	Tetrachloroethene	20.000	20.301	-1.5	89	0.00
62 M	Toluene	20.000	20.014	-0.1	88	0.00
63 S	Toluene-d8	30.000	30.088	-0.3	86	0.00
64 M	Chlorobenzene	20.000	19.909	0.5	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.177	-0.9	90	0.00
66 M	Ethyl Benzene	20.000	19.800	1.0	88	0.00
67 M	m/p-Xylenes	40.000	40.326	-0.8	91	0.00
68 M	o-Xylene	20.000	20.010	-0.1	89	0.00
69 M	Styrene	20.000	20.025	-0.1	90	0.00
70	Isopropylbenzene	20.000	19.948	0.3	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.328	-1.6	88	0.00
72	1,2,3-Trichloropropane	20.000	20.701	-3.5	90	0.00
73	Bromobenzene	20.000	20.066	-0.3	89	0.00
74	n-propylbenzene	20.000	20.187	-0.9	91	0.00
75	2-Chlorotoluene	20.000	20.319	-1.6	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.711	1.4	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.305	3.5	94	0.00
78	4-Chlorotoluene	20.000	19.745	1.3	90	0.00
79	tert-butylbenzene	20.000	19.933	0.3	90	0.00
80	1,2,4-Trimethylbenzene	20.000	20.369	-1.8	91	0.00
81	sec-Butylbenzene	20.000	20.074	-0.4	90	0.00
82	p-Isopropyltoluene	20.000	19.933	0.3	90	0.00
83 M	1,3-Dichlorobenzene	20.000	20.210	-1.1	90	0.00
84 M	1,4-Dichlorobenzene	20.000	19.987	0.1	89	0.00
85	n-Butylbenzene	20.000	20.059	-0.3	94	0.00
86 T	Hexachloroethane	20.000	19.669	1.7	92	0.00
87 M	1,2-Dichlorobenzene	20.000	20.126	-0.6	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.007	5.0	88	0.00
89	1,2,4-Trichlorobenzene	20.000	19.887	0.6	92	0.00
90	Hexachlorobutadiene	20.000	20.713	-3.6	95	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.315	3.4	88	0.00
92	1,2,3-Trichlorobenzene	20.000	19.807	1.0	91	0.00

(#) = Out of Range

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