

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121219\
 Data File : VX014004.D
 Acq On : 13 Dec 2019 05:03
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 13 05:35:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.048	9.8	96	0.00
3 M	Chloromethane	20.000	18.911	5.4	97	0.00
4 M	Vinyl Chloride	20.000	19.387	3.1	103	0.00
5 M	Bromomethane	20.000	16.880	15.6	91	0.00
6 M	Chloroethane	20.000	27.482	-37.4#	148	0.00
7 M	Trichlorofluoromethane	20.000	18.616	6.9	98	0.00
8 T	Diethyl Ether	20.000	19.812	0.9	104	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.133	9.3	97	0.00
10 M	1,1-Dichloroethene	20.000	18.755	6.2	100	0.00
11	Methyl Iodide	20.000	19.825	0.9	111	0.00
12	Methyl Acetate	20.000	18.623	6.9	97	0.00
13 M	Acrolein	100.000	40.444	59.6#	40	0.00
14 M	Acrylonitrile	100.000	95.689	4.3	102	0.00
15 M	Acetone	100.000	90.426	9.6	98	0.00
16 M	Carbon Disulfide	20.000	19.415	2.9	106	0.00
17	Allyl chloride	20.000	18.302	8.5	97	0.00
18 M	Methylene Chloride	20.000	19.941	0.3	105	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.014	4.9	102	0.00
20 T	Diisopropyl ether	20.000	19.503	2.5	102	0.00
21 M	1,1-Dichloroethane	20.000	19.109	4.5	101	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.850	5.7	100	0.00
23 M	tert-Butyl Alcohol	100.000	96.614	3.4	101	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.327	3.4	102	0.00
25 M	Chloroform	20.000	19.280	3.6	101	0.00
26	Cyclohexane	20.000	18.406	8.0	96	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.530	1.6	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	100	0.00
29	1,1-Dichloropropene	20.000	19.582	2.1	101	0.00
30 M	2-Butanone	100.000	96.191	3.8	100	0.00
31	2,2-Dichloropropane	20.000	16.368	18.2	84	0.00
32 M	1,1,1-Trichloroethane	20.000	19.543	2.3	102	0.00
33 M	Carbon Tetrachloride	20.000	19.207	4.0	100	0.00
34 M	Benzene	20.000	19.881	0.6	101	0.00
35	Methacrylonitrile	20.000	19.883	0.6	101	0.00
36 M	1,2-Dichloroethane	20.000	19.983	0.1	105	0.00
37 M	Trichloroethene	20.000	18.596	7.0	96	0.00
38	Methylcyclohexane	20.000	18.993	5.0	99	0.00
39 M	1,2-Dichloropropane	20.000	19.545	2.3	100	0.00
40	Dibromomethane	20.000	20.386	-1.9	104	0.00
41 M	Bromodichloromethane	20.000	19.921	0.4	105	0.00
42 M	Vinyl Acetate	100.000	102.460	-2.5	103	0.00
43	Ethyl Acetate	20.000	19.318	3.4	100	-0.01
44	Isopropyl Acetate	20.000	19.309	3.5	102	0.00
45 T	1,4-Dioxane	400.000	409.732	-2.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.650	1.8	102	0.00
47	n-amyl Acetate	20.000	19.097	4.5	102	0.00
48 M	t-1,3-Dichloropropene	20.000	18.439	7.8	101	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.508	7.5	99	0.00
50 M	1,1,2-Trichloroethane	20.000	19.719	1.4	101	0.00
51	Ethyl methacrylate	20.000	18.920	5.4	100	0.00
52	1,3-Dichloropropane	20.000	19.477	2.6	99	0.00
53 M	Dibromochloromethane	20.000	19.375	3.1	104	0.00
54 M	1,2-Dibromoethane	20.000	19.939	0.3	104	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.059	5.9	96	0.00
56 M	Bromoform	20.000	18.217	8.9	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.732	0.3	102	0.00
59 M	2-Hexanone	100.000	98.096	1.9	101	0.00
60 S	4-Bromofluorobenzene	30.000	30.164	-0.5	102	0.00
61 M	Tetrachloroethene	20.000	17.817	10.9	94	0.00
62 M	Toluene	20.000	19.854	0.7	101	0.00
63 S	Toluene-d8	30.000	30.779	-2.6	101	0.00
64 M	Chlorobenzene	20.000	19.597	2.0	100	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.437	2.8	103	0.00
66 M	Ethyl Benzene	20.000	19.810	1.0	102	0.00
67 M	m/p-Xylenes	40.000	38.985	2.5	99	0.00
68 M	o-Xylene	20.000	19.237	3.8	99	0.00
69 M	Styrene	20.000	19.178	4.1	101	0.00
70	Isopropylbenzene	20.000	19.454	2.7	100	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.091	-0.5	103	0.00
72	1,2,3-Trichloropropane	20.000	18.976	5.1	96	0.00
73	Bromobenzene	20.000	19.057	4.7	99	0.00
74	n-propylbenzene	20.000	19.302	3.5	100	0.00
75	2-Chlorotoluene	20.000	19.524	2.4	100	0.00
76	1,3,5-Trimethylbenzene	20.000	19.141	4.3	99	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.731	16.3	96	0.00
78	4-Chlorotoluene	20.000	19.018	4.9	99	0.00
79	tert-butylbenzene	20.000	19.997	0.0	103	0.00
80	1,2,4-Trimethylbenzene	20.000	19.064	4.7	99	0.00
81	sec-Butylbenzene	20.000	19.058	4.7	100	0.00
82	p-Isopropyltoluene	20.000	18.941	5.3	100	0.00
83 M	1,3-Dichlorobenzene	20.000	18.741	6.3	100	0.00
84 M	1,4-Dichlorobenzene	20.000	18.636	6.8	99	0.00
85	n-Butylbenzene	20.000	17.897	10.5	98	0.00
86 T	Hexachloroethane	20.000	18.089	9.6	103	0.00
87 M	1,2-Dichlorobenzene	20.000	19.120	4.4	102	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.261	3.7	101	0.00
89	1,2,4-Trichlorobenzene	20.000	17.947	10.3	100	0.00
90	Hexachlorobutadiene	20.000	17.599	12.0	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.778	6.1	104	0.00
92	1,2,3-Trichlorobenzene	20.000	18.420	7.9	103	0.00

(#) = Out of Range

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