

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032219\
 Data File : VX008343.D
 Acq On : 22 Mar 2019 17:03
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 23 02:11:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 22 15:33:35 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	17.188	14.1	86	0.00
3 M	Chloromethane	20.000	17.807	11.0	88	0.00
4 M	Vinyl Chloride	20.000	18.036	9.8	91	0.00
5 M	Bromomethane	20.000	9.104	54.5#	101	-0.01
6 M	Chloroethane	20.000	16.548	17.3	87	0.00
7 M	Trichlorofluoromethane	20.000	17.261	13.7	89	0.00
8 T	Diethyl Ether	20.000	17.720	11.4	95	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.470	17.7	87	0.00
10 M	1,1-Dichloroethene	20.000	17.994	10.0	92	0.00
11	Methyl Iodide	20.000	14.915	25.4	78	0.00
12	Methyl Acetate	20.000	18.120	9.4	94	0.00
13 M	Acrolein	100.000	94.730	5.3	92	0.00
14 M	Acrylonitrile	100.000	92.675	7.3	94	0.00
15 M	Acetone	100.000	70.357	29.6	62	0.00
16 M	Carbon Disulfide	20.000	18.147	9.3	93	0.00
17	Allyl chloride	20.000	17.239	13.8	90	0.00
18 M	Methylene Chloride	20.000	18.303	8.5	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.801	11.0	92	0.00
20 T	Diisopropyl ether	20.000	18.499	7.5	94	0.00
21 M	1,1-Dichloroethane	20.000	18.882	5.6	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.358	8.2	94	0.00
23 M	tert-Butyl Alcohol	100.000	94.462	5.5	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.610	7.0	96	0.00
25 M	Chloroform	20.000	18.468	7.7	96	0.00
26	Cyclohexane	20.000	17.871	10.6	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.209	-0.7	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	99	0.00
29	1,1-Dichloropropene	20.000	18.541	7.3	94	0.00
30 M	2-Butanone	100.000	87.765	12.2	82	0.00
31	2,2-Dichloropropane	20.000	18.086	9.6	94	0.00
32 M	1,1,1-Trichloroethane	20.000	18.922	5.4	96	0.00
33 M	Carbon Tetrachloride	20.000	18.005	10.0	92	0.00
34 M	Benzene	20.000	19.369	3.2	97	0.00
35	Methacrylonitrile	20.000	17.866	10.7	90	0.00
36 M	1,2-Dichloroethane	20.000	19.556	2.2	98	0.00
37 M	Trichloroethene	20.000	18.175	9.1	92	0.00
38	Methylcyclohexane	20.000	17.080	14.6	88	0.00
39 M	1,2-Dichloropropane	20.000	19.081	4.6	93	0.00
40	Dibromomethane	20.000	19.536	2.3	97	0.00
41 M	Bromodichloromethane	20.000	18.901	5.5	95	0.00
42 M	Vinyl Acetate	100.000	94.963	5.0	96	0.00
43	Ethyl Acetate	20.000	19.572	2.1	100	0.00
44	Isopropyl Acetate	20.000	18.774	6.1	95	0.00
45 T	1,4-Dioxane	400.000	387.777	3.1	94	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.822	5.9	96	0.00
47	n-amyl Acetate	20.000	18.379	8.1	97	0.00
48 M	t-1,3-Dichloropropene	20.000	17.574	12.1	93	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.919	10.4	93	0.00
50 M	1,1,2-Trichloroethane	20.000	19.531	2.3	99	0.00
51	Ethyl methacrylate	20.000	19.498	2.5	98	0.00
52	1,3-Dichloropropane	20.000	19.443	2.8	96	0.00
53 M	Dibromochloromethane	20.000	18.049	9.8	91	0.00
54 M	1,2-Dibromoethane	20.000	19.260	3.7	96	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.598	-1.6	102	0.00
56 M	Bromoform	20.000	16.502	17.5	85	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.415	3.6	95	0.00
59 M	2-Hexanone	100.000	92.239	7.8	88	0.00
60 S	4-Bromofluorobenzene	30.000	31.016	-3.4	103	0.00
61 M	Tetrachloroethene	20.000	17.048	14.8	84	0.00
62 M	Toluene	20.000	19.104	4.5	95	0.00
63 S	Toluene-d8	30.000	30.779	-2.6	102	0.00
64 M	Chlorobenzene	20.000	18.854	5.7	95	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.233	8.8	92	0.00
66 M	Ethyl Benzene	20.000	18.688	6.6	94	0.00
67 M	m/p-Xylenes	40.000	36.387	9.0	92	0.00
68 M	o-Xylene	20.000	18.363	8.2	92	0.00
69 M	Styrene	20.000	18.430	7.9	93	0.00
70	Isopropylbenzene	20.000	18.405	8.0	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.398	3.0	97	0.00
72	1,2,3-Trichloropropane	20.000	22.531	-12.7	110	0.00
73	Bromobenzene	20.000	17.530	12.3	87	0.00
74	n-propylbenzene	20.000	17.880	10.6	92	0.00
75	2-Chlorotoluene	20.000	18.666	6.7	94	0.00
76	1,3,5-Trimethylbenzene	20.000	18.234	8.8	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.868	15.7	93	0.00
78	4-Chlorotoluene	20.000	17.996	10.0	93	0.00
79	tert-butylbenzene	20.000	17.458	12.7	89	0.00
80	1,2,4-Trimethylbenzene	20.000	18.380	8.1	92	0.00
81	sec-Butylbenzene	20.000	17.615	11.9	90	0.00
82	p-Isopropyltoluene	20.000	17.458	12.7	89	0.00
83 M	1,3-Dichlorobenzene	20.000	17.194	14.0	89	0.00
84 M	1,4-Dichlorobenzene	20.000	17.205	14.0	88	0.00
85	n-Butylbenzene	20.000	16.554	17.2	89	0.00
86 T	Hexachloroethane	20.000	17.514	12.4	94	0.00
87 M	1,2-Dichlorobenzene	20.000	17.626	11.9	89	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.191	9.0	94	0.00
89	1,2,4-Trichlorobenzene	20.000	15.739	21.3	86	0.00
90	Hexachlorobutadiene	20.000	15.077	24.6	79	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.255	8.7	94	0.00
92	1,2,3-Trichlorobenzene	20.000	16.468	17.7	86	0.00

(#) = Out of Range

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