

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX031819\
 Data File : VX008165.D
 Acq On : 18 Mar 2019 14:28
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031819

Quant Time: Mar 19 03:09:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031819W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 18 14:34:46 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	19.544	2.3	103	0.00
3 M	Chloromethane	20.000	18.836	5.8	102	0.00
4 M	Vinyl Chloride	20.000	18.600	7.0	100	0.00
5 M	Bromomethane	20.000	15.654	21.7	101	0.00
6 M	Chloroethane	20.000	18.477	7.6	103	0.00
7 M	Trichlorofluoromethane	20.000	18.593	7.0	103	0.00
8 T	Diethyl Ether	20.000	19.247	3.8	100	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.965	0.2	106	0.00
10 M	1,1-Dichloroethene	20.000	19.576	2.1	103	0.00
11	Methyl Iodide	20.000	19.025	4.9	108	0.00
12	Methyl Acetate	20.000	19.340	3.3	100	0.00
13 M	Acrolein	100.000	93.071	6.9	105	0.00
14 M	Acrylonitrile	100.000	95.641	4.4	100	0.00
15 M	Acetone	100.000	89.038	11.0	85	0.00
16 M	Carbon Disulfide	20.000	19.171	4.1	102	0.00
17	Allyl chloride	20.000	18.998	5.0	103	0.00
18 M	Methylene Chloride	20.000	19.294	3.5	101	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.543	2.3	103	0.00
20 T	Diisopropyl ether	20.000	19.349	3.3	102	0.00
21 M	1,1-Dichloroethane	20.000	19.462	2.7	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.225	3.9	101	0.00
23 M	tert-Butyl Alcohol	100.000	95.091	4.9	100	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.215	3.9	102	0.00
25 M	Chloroform	20.000	19.480	2.6	101	0.00
26	Cyclohexane	20.000	19.603	2.0	106	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.274	-0.9	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	102	0.00
29	1,1-Dichloropropene	20.000	19.377	3.1	103	0.00
30 M	2-Butanone	100.000	93.975	6.0	93	0.00
31	2,2-Dichloropropane	20.000	19.371	3.1	104	0.00
32 M	1,1,1-Trichloroethane	20.000	19.489	2.6	103	0.00
33 M	Carbon Tetrachloride	20.000	19.297	3.5	104	0.00
34 M	Benzene	20.000	19.554	2.2	102	0.00
35	Methacrylonitrile	20.000	19.237	3.8	101	0.00
36 M	1,2-Dichloroethane	20.000	19.273	3.6	99	0.00
37 M	Trichloroethene	20.000	19.420	2.9	103	0.00
38	Methylcyclohexane	20.000	19.960	0.2	107	0.00
39 M	1,2-Dichloropropane	20.000	19.680	1.6	103	0.00
40	Dibromomethane	20.000	19.405	3.0	102	0.00
41 M	Bromodichloromethane	20.000	19.073	4.6	101	0.00
42 M	Vinyl Acetate	100.000	97.119	2.9	103	0.00
43	Ethyl Acetate	20.000	19.859	0.7	103	0.00
44	Isopropyl Acetate	20.000	19.243	3.8	103	0.00
45 T	1,4-Dioxane	400.000	384.851	3.8	101	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.127	4.4	101	0.00
47	n-amyl Acetate	20.000	19.248	3.8	101	0.00
48 M	t-1,3-Dichloropropene	20.000	18.611	6.9	102	0.00
49 T	cis-1,3-Dichloropropene	20.000	18.659	6.7	101	0.00
50 M	1,1,2-Trichloroethane	20.000	20.183	-0.9	106	0.00
51	Ethyl methacrylate	20.000	19.042	4.8	101	0.00
52	1,3-Dichloropropane	20.000	19.818	0.9	102	0.00
53 M	Dibromochloromethane	20.000	18.776	6.1	99	0.00
54 M	1,2-Dibromoethane	20.000	19.623	1.9	100	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.222	-2.2	104	0.00
56 M	Bromoform	20.000	18.702	6.5	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	99.713	0.3	101	0.00
59 M	2-Hexanone	100.000	96.876	3.1	95	0.00
60 S	4-Bromofluorobenzene	30.000	30.609	-2.0	102	0.00
61 M	Tetrachloroethene	20.000	19.879	0.6	103	0.00
62 M	Toluene	20.000	19.593	2.0	102	0.00
63 S	Toluene-d8	30.000	29.964	0.1	100	0.00
64 M	Chlorobenzene	20.000	19.769	1.2	102	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.315	3.4	102	0.00
66 M	Ethyl Benzene	20.000	19.509	2.5	103	0.00
67 M	m/p-Xylenes	40.000	38.644	3.4	102	0.00
68 M	o-Xylene	20.000	19.637	1.8	103	0.00
69 M	Styrene	20.000	19.452	2.7	102	0.00
70	Isopropylbenzene	20.000	19.754	1.2	104	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.171	-0.9	102	0.00
72	1,2,3-Trichloropropane	20.000	20.436	-2.2	101	0.00
73	Bromobenzene	20.000	19.430	2.9	102	0.00
74	n-propylbenzene	20.000	19.595	2.0	104	0.00
75	2-Chlorotoluene	20.000	19.770	1.2	103	0.00
76	1,3,5-Trimethylbenzene	20.000	19.834	0.8	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.328	8.4	100	0.00
78	4-Chlorotoluene	20.000	19.564	2.2	104	0.00
79	tert-butylbenzene	20.000	19.895	0.5	106	0.00
80	1,2,4-Trimethylbenzene	20.000	19.857	0.7	105	0.00
81	sec-Butylbenzene	20.000	19.899	0.5	105	0.00
82	p-Isopropyltoluene	20.000	19.895	0.5	106	0.00
83 M	1,3-Dichlorobenzene	20.000	19.587	2.1	103	0.00
84 M	1,4-Dichlorobenzene	20.000	19.894	0.5	107	0.00
85	n-Butylbenzene	20.000	19.303	3.5	107	0.00
86 T	Hexachloroethane	20.000	19.172	4.1	104	0.00
87 M	1,2-Dichlorobenzene	20.000	19.725	1.4	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.880	5.6	101	0.00
89	1,2,4-Trichlorobenzene	20.000	19.422	2.9	106	0.00
90	Hexachlorobutadiene	20.000	19.982	0.1	110	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.283	3.6	104	0.00
92	1,2,3-Trichlorobenzene	20.000	19.706	1.5	107	0.00

(#) = Out of Range

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