

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX111119\
 Data File : VX013372.D
 Acq On : 11 Nov 2019 18:26
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Quant Time: Nov 12 01:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 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	19.143	4.3	102	0.00
3 M	Chloromethane	20.000	19.646	1.8	105	0.00
4 M	Vinyl Chloride	20.000	18.765	6.2	101	0.00
5 M	Bromomethane	20.000	18.690	6.5	113	0.00
6 M	Chloroethane	20.000	18.485	7.6	102	0.00
7 M	Trichlorofluoromethane	20.000	18.366	8.2	102	0.00
8 T	Diethyl Ether	20.000	18.413	7.9	103	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.131	9.3	100	0.00
10 M	1,1-Dichloroethene	20.000	18.476	7.6	103	0.00
11	Methyl Iodide	20.000	15.557	22.2	92	0.00
12	Methyl Acetate	20.000	19.079	4.6	105	0.00
13 M	Acrolein	100.000	87.370	12.6	97	0.00
14 M	Acrylonitrile	100.000	90.095	9.9	100	0.00
15 M	Acetone	100.000	89.129	10.9	87	0.00
16 M	Carbon Disulfide	20.000	19.489	2.6	110	0.00
17	Allyl chloride	20.000	18.188	9.1	101	0.00
18 M	Methylene Chloride	20.000	18.249	8.8	103	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.570	7.1	104	0.00
20 T	Diisopropyl ether	20.000	18.068	9.7	101	0.00
21 M	1,1-Dichloroethane	20.000	18.389	8.1	103	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.736	6.3	105	0.00
23 M	tert-Butyl Alcohol	100.000	90.479	9.5	106	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.543	7.3	103	0.00
25 M	Chloroform	20.000	18.351	8.2	102	0.00
26	Cyclohexane	20.000	18.213	8.9	103	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.447	5.2	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	19.577	2.1	106	0.00
30 M	2-Butanone	100.000	95.316	4.7	96	0.00
31	2,2-Dichloropropane	20.000	19.673	1.6	103	0.00
32 M	1,1,1-Trichloroethane	20.000	19.531	2.3	103	0.00
33 M	Carbon Tetrachloride	20.000	19.158	4.2	100	0.00
34 M	Benzene	20.000	19.476	2.6	102	0.00
35	Methacrylonitrile	20.000	19.423	2.9	101	0.00
36 M	1,2-Dichloroethane	20.000	19.470	2.7	102	0.00
37 M	Trichloroethene	20.000	19.805	1.0	106	0.00
38	Methylcyclohexane	20.000	19.186	4.1	102	0.00
39 M	1,2-Dichloropropane	20.000	19.757	1.2	105	0.00
40	Dibromomethane	20.000	19.312	3.4	102	0.00
41 M	Bromodichloromethane	20.000	19.117	4.4	100	0.00
42 M	Vinyl Acetate	100.000	97.529	2.5	102	0.00
43	Ethyl Acetate	20.000	19.682	1.6	102	0.00
44	Isopropyl Acetate	20.000	18.944	5.3	101	0.00
45 T	1,4-Dioxane	400.000	374.182	6.5	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	18.839	5.8	102	0.00
47	n-amyl Acetate	20.000	18.910	5.4	104	0.00
48 M	t-1,3-Dichloropropene	20.000	19.233	3.8	106	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.206	4.0	103	0.00
50 M	1,1,2-Trichloroethane	20.000	19.299	3.5	100	0.00
51	Ethyl methacrylate	20.000	18.906	5.5	104	0.00
52	1,3-Dichloropropane	20.000	19.417	2.9	101	0.00
53 M	Dibromochloromethane	20.000	19.121	4.4	104	0.00
54 M	1,2-Dibromoethane	20.000	19.443	2.8	101	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.454	3.5	100	0.00
56 M	Bromoform	20.000	18.841	5.8	106	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	96.598	3.4	101	0.00
59 M	2-Hexanone	100.000	94.575	5.4	98	0.00
60 S	4-Bromofluorobenzene	30.000	29.917	0.3	103	0.00
61 M	Tetrachloroethene	20.000	19.440	2.8	104	0.00
62 M	Toluene	20.000	19.489	2.6	102	0.00
63 S	Toluene-d8	30.000	30.376	-1.3	102	0.00
64 M	Chlorobenzene	20.000	19.515	2.4	105	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.186	4.1	103	0.00
66 M	Ethyl Benzene	20.000	19.548	2.3	104	0.00
67 M	m/p-Xylenes	40.000	38.786	3.0	104	0.00
68 M	o-Xylene	20.000	18.965	5.2	102	0.00
69 M	Styrene	20.000	19.112	4.4	103	0.00
70	Isopropylbenzene	20.000	19.407	3.0	103	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.144	4.3	102	0.00
72	1,2,3-Trichloropropane	20.000	18.296	8.5	104	0.00
73	Bromobenzene	20.000	19.274	3.6	104	0.00
74	n-propylbenzene	20.000	19.355	3.2	104	0.00
75	2-Chlorotoluene	20.000	19.235	3.8	103	0.00
76	1,3,5-Trimethylbenzene	20.000	19.092	4.5	102	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.416	7.9	104	0.00
78	4-Chlorotoluene	20.000	19.131	4.3	104	0.00
79	tert-butylbenzene	20.000	18.971	5.1	101	0.00
80	1,2,4-Trimethylbenzene	20.000	19.068	4.7	103	0.00
81	sec-Butylbenzene	20.000	19.144	4.3	104	0.00
82	p-Isopropyltoluene	20.000	19.358	3.2	105	0.00
83 M	1,3-Dichlorobenzene	20.000	19.284	3.6	107	0.00
84 M	1,4-Dichlorobenzene	20.000	19.334	3.3	107	0.00
85	n-Butylbenzene	20.000	18.531	7.3	103	0.00
86 T	Hexachloroethane	20.000	18.117	9.4	103	0.00
87 M	1,2-Dichlorobenzene	20.000	18.920	5.4	103	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.095	4.5	108	0.00
89	1,2,4-Trichlorobenzene	20.000	19.039	4.8	107	0.00
90	Hexachlorobutadiene	20.000	18.932	5.3	105	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.337	3.3	106	0.00
92	1,2,3-Trichlorobenzene	20.000	19.125	4.4	105	0.00

(#) = Out of Range

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