

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX050119\
 Data File : VX009257.D
 Acq On : 01 May 2019 15:44
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX050119

Quant Time: May 02 07:00:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 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	105	0.00
2 M	Dichlorodifluoromethane	20.000	22.059	-10.3	117	0.00
3 M	Chloromethane	20.000	21.829	-9.1	117	0.00
4 M	Vinyl Chloride	20.000	20.945	-4.7	111	0.00
5 M	Bromomethane	20.000	20.434	-2.2	121	0.00
6 M	Chloroethane	20.000	20.125	-0.6	104	0.00
7 M	Trichlorofluoromethane	20.000	21.370	-6.9	115	0.00
8 T	Diethyl Ether	20.000	21.077	-5.4	113	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	22.427	-12.1	119	0.00
10 M	1,1-Dichloroethene	20.000	21.174	-5.9	113	0.00
11	Methyl Iodide	20.000	19.447	2.8	112	0.00
12	Methyl Acetate	20.000	19.942	0.3	109	0.00
13 M	Acrolein	100.000	76.175	23.8	88	0.00
14 M	Acrylonitrile	100.000	101.173	-1.2	109	0.00
15 M	Acetone	100.000	101.301	-1.3	106	0.00
16 M	Carbon Disulfide	20.000	21.487	-7.4	115	0.00
17	Allyl chloride	20.000	20.865	-4.3	113	0.00
18 M	Methylene Chloride	20.000	21.182	-5.9	114	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.630	-8.1	116	0.00
20 T	Diisopropyl ether	20.000	21.207	-6.0	114	0.00
21 M	1,1-Dichloroethane	20.000	20.998	-5.0	114	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.817	-4.1	112	0.00
23 M	tert-Butyl Alcohol	100.000	97.571	2.4	109	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.062	-5.3	115	0.00
25 M	Chloroform	20.000	21.193	-6.0	114	0.00
26	Cyclohexane	20.000	21.979	-9.9	117	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.692	1.0	105	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	106	0.00
29	1,1-Dichloropropene	20.000	21.476	-7.4	115	0.00
30 M	2-Butanone	100.000	101.148	-1.1	108	0.00
31	2,2-Dichloropropane	20.000	21.277	-6.4	115	0.00
32 M	1,1,1-Trichloroethane	20.000	21.519	-7.6	119	0.00
33 M	Carbon Tetrachloride	20.000	21.361	-6.8	116	0.00
34 M	Benzene	20.000	21.334	-6.7	113	0.00
35	Methacrylonitrile	20.000	20.431	-2.2	109	0.00
36 M	1,2-Dichloroethane	20.000	21.320	-6.6	114	0.00
37 M	Trichloroethene	20.000	21.295	-6.5	116	0.00
38	Methylcyclohexane	20.000	22.357	-11.8	121	0.00
39 M	1,2-Dichloropropane	20.000	21.190	-6.0	114	0.00
40	Dibromomethane	20.000	20.767	-3.8	112	0.00
41 M	Bromodichloromethane	20.000	20.957	-4.8	115	0.00
42 M	Vinyl Acetate	100.000	106.240	-6.2	113	0.00
43	Ethyl Acetate	20.000	20.551	-2.8	107	0.00
44	Isopropyl Acetate	20.000	20.554	-2.8	113	0.00
45 T	1,4-Dioxane	400.000	400.012	-0.0	109	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	20.522	-2.6	112	0.00
47	n-amyl Acetate	20.000	20.375	-1.9	113	0.00
48 M	t-1,3-Dichloropropene	20.000	21.015	-5.1	118	0.00
49 T	cis-1,3-Dichloropropene	20.000	20.867	-4.3	115	0.00
50 M	1,1,2-Trichloroethane	20.000	21.270	-6.3	114	0.00
51	Ethyl methacrylate	20.000	20.814	-4.1	114	0.00
52	1,3-Dichloropropane	20.000	21.058	-5.3	113	0.00
53 M	Dibromochloromethane	20.000	20.815	-4.1	116	0.00
54 M	1,2-Dibromoethane	20.000	21.095	-5.5	114	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.712	3.3	100	0.00
56 M	Bromoform	20.000	20.152	-0.8	116	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	107	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.653	-2.7	110	0.00
59 M	2-Hexanone	100.000	102.792	-2.8	110	0.00
60 S	4-Bromofluorobenzene	30.000	29.719	0.9	105	0.00
61 M	Tetrachloroethene	20.000	22.124	-10.6	118	0.00
62 M	Toluene	20.000	21.686	-8.4	115	0.00
63 S	Toluene-d8	30.000	30.246	-0.8	106	0.00
64 M	Chlorobenzene	20.000	21.456	-7.3	116	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.110	-5.5	116	0.00
66 M	Ethyl Benzene	20.000	21.671	-8.4	116	0.00
67 M	m/p-Xylenes	40.000	43.399	-8.5	117	0.00
68 M	o-Xylene	20.000	21.638	-8.2	118	0.00
69 M	Styrene	20.000	21.409	-7.0	116	0.00
70	Isopropylbenzene	20.000	21.769	-8.8	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.737	-3.7	114	0.00
72	1,2,3-Trichloropropane	20.000	21.227	-6.1	114	0.00
73	Bromobenzene	20.000	21.512	-7.6	116	0.00
74	n-propylbenzene	20.000	22.078	-10.4	120	0.00
75	2-Chlorotoluene	20.000	21.705	-8.5	117	0.00
76	1,3,5-Trimethylbenzene	20.000	21.834	-9.2	118	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.379	3.1	113	0.00
78	4-Chlorotoluene	20.000	21.710	-8.6	119	0.00
79	tert-butylbenzene	20.000	21.727	-8.6	118	0.00
80	1,2,4-Trimethylbenzene	20.000	21.859	-9.3	119	0.00
81	sec-Butylbenzene	20.000	22.202	-11.0	121	0.00
82	p-Isopropyltoluene	20.000	22.065	-10.3	120	0.00
83 M	1,3-Dichlorobenzene	20.000	21.450	-7.2	119	0.00
84 M	1,4-Dichlorobenzene	20.000	21.202	-6.0	119	0.00
85	n-Butylbenzene	20.000	22.388	-11.9	126	0.00
86 T	Hexachloroethane	20.000	21.296	-6.5	116	0.00
87 M	1,2-Dichlorobenzene	20.000	21.452	-7.3	117	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	21.131	-5.7	116	0.00
89	1,2,4-Trichlorobenzene	20.000	22.062	-10.3	126	0.00
90	Hexachlorobutadiene	20.000	22.665	-13.3	127	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	21.955	-9.8	120	0.00
92	1,2,3-Trichlorobenzene	20.000	22.073	-10.4	122	0.00

(#) = Out of Range

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