

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050719\
 Data File : VX009368.D
 Acq On : 07 May 2019 10:18
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 08 02:15:44 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	110	0.00
2 M	Dichlorodifluoromethane	20.000	19.201	4.0	106	0.00
3 M	Chloromethane	20.000	19.353	3.2	108	0.00
4 M	Vinyl Chloride	20.000	19.022	4.9	105	0.00
5 M	Bromomethane	20.000	18.762	6.2	116	0.00
6 M	Chloroethane	20.000	18.801	6.0	102	0.00
7 M	Trichlorofluoromethane	20.000	20.165	-0.8	113	0.00
8 T	Diethyl Ether	20.000	19.739	1.3	111	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.806	-4.0	116	0.00
10 M	1,1-Dichloroethene	20.000	20.110	-0.5	112	0.00
11	Methyl Iodide	20.000	17.409	13.0	104	0.00
12	Methyl Acetate	20.000	19.102	4.5	109	0.00
13 M	Acrolein	100.000	76.965	23.0	93	0.00
14 M	Acrylonitrile	100.000	98.029	2.0	110	0.00
15 M	Acetone	100.000	104.754	-4.8	114	0.00
16 M	Carbon Disulfide	20.000	18.656	6.7	105	0.00
17	Allyl chloride	20.000	19.746	1.3	112	0.00
18 M	Methylene Chloride	20.000	19.958	0.2	112	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.859	0.7	112	0.00
20 T	Diisopropyl ether	20.000	20.026	-0.1	112	0.00
21 M	1,1-Dichloroethane	20.000	19.719	1.4	112	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.097	-0.5	113	0.00
23 M	tert-Butyl Alcohol	100.000	94.482	5.5	110	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.910	0.4	114	0.00
25 M	Chloroform	20.000	20.065	-0.3	112	0.00
26	Cyclohexane	20.000	19.754	1.2	109	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.495	1.7	109	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	111	0.00
29	1,1-Dichloropropene	20.000	19.713	1.4	110	0.00
30 M	2-Butanone	100.000	100.481	-0.5	112	0.00
31	2,2-Dichloropropane	20.000	19.968	0.2	113	0.00
32 M	1,1,1-Trichloroethane	20.000	20.136	-0.7	116	0.00
33 M	Carbon Tetrachloride	20.000	20.286	-1.4	115	0.00
34 M	Benzene	20.000	20.074	-0.4	112	0.00
35	Methacrylonitrile	20.000	19.841	0.8	111	0.00
36 M	1,2-Dichloroethane	20.000	19.986	0.1	112	0.00
37 M	Trichloroethene	20.000	19.876	0.6	114	0.00
38	Methylcyclohexane	20.000	20.186	-0.9	114	0.00
39 M	1,2-Dichloropropane	20.000	20.107	-0.5	113	0.00
40	Dibromomethane	20.000	20.305	-1.5	114	0.00
41 M	Bromodichloromethane	20.000	20.327	-1.6	116	0.00
42 M	Vinyl Acetate	100.000	99.483	0.5	111	0.00
43	Ethyl Acetate	20.000	19.192	4.0	105	0.00
44	Isopropyl Acetate	20.000	19.336	3.3	111	0.00
45 T	1,4-Dioxane	400.000	393.436	1.6	112	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	19.251	3.7	109	0.00
47	n-amyl Acetate	20.000	19.272	3.6	112	0.00
48 M	t-1,3-Dichloropropene	20.000	19.524	2.4	114	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.792	1.0	114	0.00
50 M	1,1,2-Trichloroethane	20.000	20.624	-3.1	116	0.00
51	Ethyl methacrylate	20.000	19.447	2.8	111	0.00
52	1,3-Dichloropropane	20.000	20.215	-1.1	113	0.00
53 M	Dibromochloromethane	20.000	20.503	-2.5	119	0.00
54 M	1,2-Dibromoethane	20.000	19.930	0.4	113	0.00
55 M	2-Chloroethyl vinyl ether	100.000	79.606	20.4	86	0.00
56 M	Bromoform	20.000	19.684	1.6	118	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	113	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.406	1.6	112	0.00
59 M	2-Hexanone	100.000	99.089	0.9	112	0.00
60 S	4-Bromofluorobenzene	30.000	29.813	0.6	111	0.00
61 M	Tetrachloroethene	20.000	20.525	-2.6	116	0.00
62 M	Toluene	20.000	20.013	-0.1	112	0.00
63 S	Toluene-d8	30.000	30.109	-0.4	111	0.00
64 M	Chlorobenzene	20.000	20.247	-1.2	116	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.278	-1.4	117	0.00
66 M	Ethyl Benzene	20.000	20.189	-0.9	114	0.00
67 M	m/p-Xylenes	40.000	40.345	-0.9	115	0.00
68 M	o-Xylene	20.000	20.319	-1.6	117	0.00
69 M	Styrene	20.000	20.179	-0.9	116	0.00
70	Isopropylbenzene	20.000	20.471	-2.4	116	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.965	0.2	115	0.00
72	1,2,3-Trichloropropane	20.000	20.695	-3.5	117	0.00
73	Bromobenzene	20.000	20.241	-1.2	115	0.00
74	n-propylbenzene	20.000	20.432	-2.2	117	0.00
75	2-Chlorotoluene	20.000	20.240	-1.2	115	0.00
76	1,3,5-Trimethylbenzene	20.000	20.351	-1.8	116	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.610	7.0	115	0.00
78	4-Chlorotoluene	20.000	20.268	-1.3	117	0.00
79	tert-butylbenzene	20.000	20.084	-0.4	115	0.00
80	1,2,4-Trimethylbenzene	20.000	20.449	-2.2	117	0.00
81	sec-Butylbenzene	20.000	20.505	-2.5	118	0.00
82	p-Isopropyltoluene	20.000	20.505	-2.5	118	0.00
83 M	1,3-Dichlorobenzene	20.000	20.335	-1.7	119	0.00
84 M	1,4-Dichlorobenzene	20.000	20.419	-2.1	121	0.00
85	n-Butylbenzene	20.000	20.363	-1.8	121	0.00
86 T	Hexachloroethane	20.000	19.917	0.4	115	0.00
87 M	1,2-Dichlorobenzene	20.000	20.285	-1.4	117	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.638	1.8	114	0.00
89	1,2,4-Trichlorobenzene	20.000	20.505	-2.5	123	0.00
90	Hexachlorobutadiene	20.000	21.042	-5.2	125	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	20.751	-3.8	119	0.00
92	1,2,3-Trichlorobenzene	20.000	21.121	-5.6	123	0.00

(#) = Out of Range

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