

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX102620\
 Data File : VX019116.D
 Acq On : 26 Oct 2020 11:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 27 05:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 11:58:08 2020
 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	19.010	4.9	112	0.00
3 M	Chloromethane	20.000	19.282	3.6	111	0.00
4 M	Vinyl Chloride	20.000	18.908	5.5	110	0.00
5 M	Bromomethane	20.000	23.039	-15.2	118	0.00
6 M	Chloroethane	20.000	19.212	3.9	113	0.00
7 M	Trichlorofluoromethane	20.000	19.098	4.5	115	0.00
8 T	Diethyl Ether	20.000	19.493	2.5	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.436	-2.2	121	0.00
10 M	1,1-Dichloroethene	20.000	19.405	3.0	116	0.00
11	Methyl Iodide	20.000	21.912	-9.6	164	0.00
12	Methyl Acetate	20.000	20.307	-1.5	120	0.00
13 M	Acrolein	100.000	103.017	-3.0	158	-0.01
14 M	Acrylonitrile	100.000	101.589	-1.6	122	0.00
15 M	Acetone	100.000	114.371	-14.4	147	0.00
16 M	Carbon Disulfide	20.000	17.104	14.5	102	0.00
17	Allyl chloride	20.000	20.548	-2.7	125	0.00
18 M	Methylene Chloride	20.000	20.183	-0.9	120	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.406	3.0	115	0.00
20 T	Diisopropyl ether	20.000	20.501	-2.5	123	0.00
21 M	1,1-Dichloroethane	20.000	20.259	-1.3	120	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.727	1.4	118	-0.01
23 M	tert-Butyl Alcohol	100.000	106.951	-7.0	130	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.275	-1.4	121	0.00
25 M	Chloroform	20.000	20.210	-1.1	121	0.00
26	Cyclohexane	20.000	19.041	4.8	115	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.569	-1.9	100	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	19.217	3.9	119	0.00
30 M	2-Butanone	100.000	101.568	-1.6	128	0.00
31	2,2-Dichloropropane	20.000	20.081	-0.4	123	0.00
32 M	1,1,1-Trichloroethane	20.000	19.355	3.2	119	0.00
33 M	Carbon Tetrachloride	20.000	19.234	3.8	122	0.00
34 M	Benzene	20.000	19.295	3.5	119	0.00
35	Methacrylonitrile	20.000	19.536	2.3	116	-0.01
36 M	1,2-Dichloroethane	20.000	19.404	3.0	119	0.00
37 M	Trichloroethene	20.000	19.412	2.9	122	0.00
38	Methylcyclohexane	20.000	18.619	6.9	116	0.00
39 M	1,2-Dichloropropane	20.000	20.227	-1.1	128	0.00
40	Dibromomethane	20.000	19.369	3.2	121	0.00
41 M	Bromodichloromethane	20.000	19.216	3.9	122	0.00
42 M	Vinyl Acetate	100.000	97.867	2.1	120	0.00
43	Ethyl Acetate	20.000	19.061	4.7	119	-0.01
44	Isopropyl Acetate	20.000	19.403	3.0	122	0.00
45 T	1,4-Dioxane	400.000	412.040	-3.0	124	0.00

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Quant Time: Oct 27 05:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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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)
46	Methyl methacrylate	20.000	19.248	3.8	118	0.00
47	n-amyl Acetate	20.000	19.537	2.3	124	0.00
48 M	t-1,3-Dichloropropene	20.000	19.087	4.6	122	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.587	2.1	124	0.00
50 M	1,1,2-Trichloroethane	20.000	19.584	2.1	124	0.00
51	Ethyl methacrylate	20.000	19.151	4.2	122	0.00
52	1,3-Dichloropropane	20.000	19.625	1.9	122	0.00
53 M	Dibromochloromethane	20.000	19.363	3.2	129	0.00
54 M	1,2-Dibromoethane	20.000	19.156	4.2	121	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.375	11.6	98	0.00
56 M	Bromoform	20.000	19.529	2.4	133	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	103	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.130	-1.1	121	0.00
59 M	2-Hexanone	100.000	103.713	-3.7	123	0.00
60 S	4-Bromofluorobenzene	30.000	31.272	-4.2	109	0.00
61 M	Tetrachloroethene	20.000	21.319	-6.6	129	0.00
62 M	Toluene	20.000	19.635	1.8	121	0.00
63 S	Toluene-d8	30.000	30.416	-1.4	103	0.00
64 M	Chlorobenzene	20.000	20.068	-0.3	126	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.185	-0.9	128	0.00
66 M	Ethyl Benzene	20.000	19.776	1.1	122	0.00
67 M	m/p-Xylenes	40.000	39.814	0.5	124	0.00
68 M	o-Xylene	20.000	19.989	0.1	127	0.00
69 M	Styrene	20.000	19.656	1.7	127	0.00
70	Isopropylbenzene	20.000	19.925	0.4	127	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.283	-6.4	132	0.00
72	1,2,3-Trichloropropane	20.000	21.840	-9.2	131	0.00
73	Bromobenzene	20.000	20.599	-3.0	131	0.00
74	n-propylbenzene	20.000	20.614	-3.1	129	0.00
75	2-Chlorotoluene	20.000	20.763	-3.8	131	0.00
76	1,3,5-Trimethylbenzene	20.000	20.686	-3.4	132	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.747	1.3	128	0.00
78	4-Chlorotoluene	20.000	20.861	-4.3	132	0.00
79	tert-butylbenzene	20.000	20.461	-2.3	130	0.00
80	1,2,4-Trimethylbenzene	20.000	20.673	-3.4	130	0.00
81	sec-Butylbenzene	20.000	21.051	-5.3	133	0.00
82	p-Isopropyltoluene	20.000	20.978	-4.9	134	0.00
83 M	1,3-Dichlorobenzene	20.000	21.242	-6.2	135	0.00
84 M	1,4-Dichlorobenzene	20.000	21.399	-7.0	137	0.00
85	n-Butylbenzene	20.000	21.486	-7.4	138	0.00
86 T	Hexachloroethane	20.000	20.164	-0.8	137	0.00
87 M	1,2-Dichlorobenzene	20.000	21.489	-7.4	136	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.677	1.6	126	0.00
89	1,2,4-Trichlorobenzene	20.000	21.270	-6.3	139	0.00
90	Hexachlorobutadiene	20.000	21.449	-7.2	141	0.00

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	Compound	Amount	Calc.	%Dev	Area	% Dev(min)
91 M	Naphthalene	20.000	20.240	-1.2	132	0.00
92	1,2,3-Trichlorobenzene	20.000	21.515	-7.6	140	0.00

(#) = Out of Range

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