

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091120\
 Data File : VX018373.D
 Acq On : 11 Sep 2020 20:01
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 12 07:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 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	93	0.00
2 M	Dichlorodifluoromethane	20.000	18.908	5.5	94	0.00
3 M	Chloromethane	20.000	19.305	3.5	96	0.00
4 M	Vinyl Chloride	20.000	19.910	0.4	100	0.00
5 M	Bromomethane	20.000	20.724	-3.6	94	0.00
6 M	Chloroethane	20.000	19.581	2.1	96	0.00
7 M	Trichlorofluoromethane	20.000	20.327	-1.6	102	0.00
8 T	Diethyl Ether	20.000	19.933	0.3	99	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.092	4.5	94	0.00
10 M	1,1-Dichloroethene	20.000	19.111	4.4	95	0.00
11	Methyl Iodide	20.000	20.226	-1.1	110	0.00
12	Methyl Acetate	20.000	20.581	-2.9	100	0.00
13 M	Acrolein	100.000	107.078	-7.1	120	0.00
14 M	Acrylonitrile	100.000	97.802	2.2	98	0.00
15 M	Acetone	100.000	96.469	3.5	95	0.00
16 M	Carbon Disulfide	20.000	19.002	5.0	94	0.00
17	Allyl chloride	20.000	19.667	1.7	100	0.00
18 M	Methylene Chloride	20.000	19.314	3.4	94	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.745	1.3	100	0.00
20 T	Diisopropyl ether	20.000	19.637	1.8	96	0.00
21 M	1,1-Dichloroethane	20.000	19.530	2.3	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.454	2.7	96	0.00
23 M	tert-Butyl Alcohol	100.000	98.693	1.3	103	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.418	2.9	98	0.00
25 M	Chloroform	20.000	19.764	1.2	97	0.00
26	Cyclohexane	20.000	19.381	3.1	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.987	0.0	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	19.275	3.6	97	0.00
30 M	2-Butanone	100.000	97.758	2.2	96	0.00
31	2,2-Dichloropropane	20.000	17.729	11.4	88	0.00
32 M	1,1,1-Trichloroethane	20.000	20.005	-0.0	98	0.00
33 M	Carbon Tetrachloride	20.000	19.825	0.9	97	0.00
34 M	Benzene	20.000	19.873	0.6	97	0.00
35	Methacrylonitrile	20.000	19.987	0.1	100	0.00
36 M	1,2-Dichloroethane	20.000	19.998	0.0	99	0.00
37 M	Trichloroethene	20.000	19.314	3.4	98	0.00
38	Methylcyclohexane	20.000	18.616	6.9	99	0.00
39 M	1,2-Dichloropropane	20.000	19.261	3.7	94	0.00
40	Dibromomethane	20.000	19.650	1.8	96	0.00
41 M	Bromodichloromethane	20.000	19.564	2.2	97	0.00
42 M	Vinyl Acetate	100.000	99.961	0.0	99	0.00
43	Ethyl Acetate	20.000	19.459	2.7	96	0.00
44	Isopropyl Acetate	20.000	19.801	1.0	99	0.00
45 T	1,4-Dioxane	400.000	353.192	11.7	91	0.00

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Quant Time: Sep 12 07:25:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 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)
46	Methyl methacrylate	20.000	19.541	2.3	103	0.00
47	n-amyl Acetate	20.000	19.266	3.7	101	0.00
48 M	t-1,3-Dichloropropene	20.000	19.024	4.9	96	0.00
49 T	cis-1,3-Dichloropropene	20.000	19.491	2.5	96	0.00
50 M	1,1,2-Trichloroethane	20.000	19.861	0.7	97	0.00
51	Ethyl methacrylate	20.000	19.145	4.3	99	0.00
52	1,3-Dichloropropane	20.000	19.325	3.4	96	0.00
53 M	Dibromochloromethane	20.000	19.703	1.5	101	0.00
54 M	1,2-Dibromoethane	20.000	19.544	2.3	98	0.00
55 M	2-Chloroethyl vinyl ether	100.000	102.337	-2.3	103	0.00
56 M	Bromoform	20.000	19.597	2.0	104	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	101.597	-1.6	99	0.00
59 M	2-Hexanone	100.000	100.178	-0.2	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.262	2.5	89	0.00
61 M	Tetrachloroethene	20.000	19.140	4.3	93	0.00
62 M	Toluene	20.000	19.624	1.9	97	0.00
63 S	Toluene-d8	30.000	29.874	0.4	89	0.00
64 M	Chlorobenzene	20.000	19.838	0.8	97	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.576	2.1	98	0.00
66 M	Ethyl Benzene	20.000	19.854	0.7	99	0.00
67 M	m/p-Xylenes	40.000	40.133	-0.3	99	0.00
68 M	o-Xylene	20.000	19.636	1.8	101	0.00
69 M	Styrene	20.000	19.531	2.3	98	0.00
70	Isopropylbenzene	20.000	19.424	2.9	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.601	2.0	97	0.00
72	1,2,3-Trichloropropane	20.000	19.721	1.4	96	0.00
73	Bromobenzene	20.000	19.499	2.5	97	0.00
74	n-propylbenzene	20.000	18.933	5.3	95	0.00
75	2-Chlorotoluene	20.000	20.003	-0.0	99	0.00
76	1,3,5-Trimethylbenzene	20.000	19.278	3.6	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	18.795	6.0	98	0.00
78	4-Chlorotoluene	20.000	19.275	3.6	96	0.00
79	tert-butylbenzene	20.000	19.287	3.6	97	0.00
80	1,2,4-Trimethylbenzene	20.000	19.976	0.1	99	0.00
81	sec-Butylbenzene	20.000	19.330	3.4	99	0.00
82	p-Isopropyltoluene	20.000	19.017	4.9	97	0.00
83 M	1,3-Dichlorobenzene	20.000	19.309	3.5	95	0.00
84 M	1,4-Dichlorobenzene	20.000	19.792	1.0	97	0.00
85	n-Butylbenzene	20.000	18.442	7.8	96	0.00
86 T	Hexachloroethane	20.000	19.167	4.2	99	0.00
87 M	1,2-Dichlorobenzene	20.000	19.904	0.5	99	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	19.612	1.9	103	0.00
89	1,2,4-Trichlorobenzene	20.000	18.538	7.3	96	0.00
90	Hexachlorobutadiene	20.000	19.196	4.0	93	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	19.194	4.0	100	0.00
92	1,2,3-Trichlorobenzene	20.000	19.518	2.4	101	0.00

(#) = Out of Range

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