

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015730.D
 Acq On : 17 Apr 2020 11:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 20 01:28:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 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	90	-0.01
2 M	Dichlorodifluoromethane	20.000	17.063	14.7	84	0.00
3 M	Chloromethane	20.000	17.911	10.4	91	0.00
4 M	Vinyl Chloride	20.000	18.884	5.6	93	0.00
5 M	Bromomethane	20.000	27.634	-38.2#	108	0.00
6 M	Chloroethane	20.000	19.850	0.7	95	0.00
7 M	Trichlorofluoromethane	20.000	18.426	7.9	88	0.00
8 T	Diethyl Ether	20.000	20.014	-0.1	98	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.025	4.9	91	0.00
10 M	1,1-Dichloroethene	20.000	18.582	7.1	89	0.00
11	Methyl Iodide	20.000	11.397	43.0#	59	0.00
12	Methyl Acetate	20.000	18.332	8.3	87	0.00
13 M	Acrolein	100.000	129.907	-29.9	122	0.00
14 M	Acrylonitrile	100.000	93.395	6.6	88	0.00
15 M	Acetone	100.000	98.426	1.6	91	0.00
16 M	Carbon Disulfide	20.000	17.348	13.3	83	0.00
17	Allyl chloride	20.000	17.349	13.3	83	0.00
18 M	Methylene Chloride	20.000	19.013	4.9	91	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.136	4.3	91	0.00
20 T	Diisopropyl ether	20.000	18.722	6.4	88	0.00
21 M	1,1-Dichloroethane	20.000	18.670	6.6	89	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.210	3.9	93	0.00
23 M	tert-Butyl Alcohol	100.000	82.945	17.1	77	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.503	7.5	88	0.00
25 M	Chloroform	20.000	18.763	6.2	90	0.00
26	Cyclohexane	20.000	18.104	9.5	87	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.172	2.8	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	92	0.00
29	1,1-Dichloropropene	20.000	18.743	6.3	91	0.00
30 M	2-Butanone	100.000	90.166	9.8	85	0.00
31	2,2-Dichloropropane	20.000	18.234	8.8	86	0.00
32 M	1,1,1-Trichloroethane	20.000	18.296	8.5	87	0.00
33 M	Carbon Tetrachloride	20.000	17.507	12.5	84	0.00
34 M	Benzene	20.000	19.090	4.6	91	0.00
35	Methacrylonitrile	20.000	17.795	11.0	85	0.00
36 M	1,2-Dichloroethane	20.000	19.141	4.3	89	0.00
37 M	Trichloroethene	20.000	18.863	5.7	90	0.00
38	Methylcyclohexane	20.000	18.737	6.3	89	0.00
39 M	1,2-Dichloropropane	20.000	18.568	7.2	89	0.00
40	Dibromomethane	20.000	18.253	8.7	88	0.00
41 M	Bromodichloromethane	20.000	17.294	13.5	83	0.00
42 M	Vinyl Acetate	100.000	93.574	6.4	85	0.00
43	Ethyl Acetate	20.000	16.246	18.8	84	0.00
44	Isopropyl Acetate	20.000	17.183	14.1	82	0.00
45 T	1,4-Dioxane	400.000	355.807	11.0	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46	Methyl methacrylate	20.000	16.736	16.3	80	0.00
47	n-amyl Acetate	20.000	16.819	15.9	82	0.00
48 M	t-1,3-Dichloropropene	20.000	17.016	14.9	82	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.731	11.3	85	0.00
50 M	1,1,2-Trichloroethane	20.000	18.492	7.5	89	0.00
51	Ethyl methacrylate	20.000	17.383	13.1	84	0.00
52	1,3-Dichloropropane	20.000	18.688	6.6	88	0.00
53 M	Dibromochloromethane	20.000	16.861	15.7	81	0.00
54 M	1,2-Dibromoethane	20.000	18.213	8.9	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	92.938	7.1	86	0.00
56 M	Bromoform	20.000	16.112	19.4	79	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	90.629	9.4	84	0.00
59 M	2-Hexanone	100.000	88.671	11.3	83	0.00
60 S	4-Bromofluorobenzene	30.000	29.810	0.6	92	0.00
61 M	Tetrachloroethene	20.000	19.481	2.6	94	0.00
62 M	Toluene	20.000	19.159	4.2	92	0.00
63 S	Toluene-d8	30.000	29.686	1.0	90	0.00
64 M	Chlorobenzene	20.000	19.505	2.5	96	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.155	14.2	85	0.00
66 M	Ethyl Benzene	20.000	18.936	5.3	90	0.00
67 M	m/p-Xylenes	40.000	38.236	4.4	92	0.00
68 M	o-Xylene	20.000	18.819	5.9	91	0.00
69 M	Styrene	20.000	18.817	5.9	91	0.00
70	Isopropylbenzene	20.000	19.103	4.5	91	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.150	9.3	89	0.00
72	1,2,3-Trichloropropane	20.000	17.988	10.1	86	0.00
73	Bromobenzene	20.000	19.437	2.8	97	0.00
74	n-propylbenzene	20.000	19.198	4.0	91	0.00
75	2-Chlorotoluene	20.000	18.979	5.1	91	0.00
76	1,3,5-Trimethylbenzene	20.000	19.071	4.6	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.901	25.5	73	0.00
78	4-Chlorotoluene	20.000	19.422	2.9	93	0.00
79	tert-butylbenzene	20.000	18.900	5.5	91	0.00
80	1,2,4-Trimethylbenzene	20.000	19.135	4.3	92	0.00
81	sec-Butylbenzene	20.000	19.309	3.5	93	0.00
82	p-Isopropyltoluene	20.000	19.643	1.8	96	0.00
83 M	1,3-Dichlorobenzene	20.000	19.449	2.8	97	0.00
84 M	1,4-Dichlorobenzene	20.000	19.772	1.1	98	0.00
85	n-Butylbenzene	20.000	19.484	2.6	94	0.00
86 T	Hexachloroethane	20.000	16.216	18.9	82	0.00
87 M	1,2-Dichlorobenzene	20.000	19.230	3.8	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.111	19.4	78	0.00
89	1,2,4-Trichlorobenzene	20.000	18.831	5.8	98	0.00
90	Hexachlorobutadiene	20.000	16.741	16.3	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.628	6.9	90	0.00
92	1,2,3-Trichlorobenzene	20.000	18.116	9.4	92	0.00

(#) = Out of Range

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