

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\WX050820\
 Data File : VX016136.D
 Acq On : 08 May 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: May 09 05:42:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 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	99	0.00
2 M	Dichlorodifluoromethane	20.000	19.786	1.1	96	0.00
3 M	Chloromethane	20.000	18.625	6.9	93	0.00
4 M	Vinyl Chloride	20.000	18.375	8.1	94	0.00
5 M	Bromomethane	20.000	14.988	25.1	69	0.00
6 M	Chloroethane	20.000	16.733	16.3	85	0.00
7 M	Trichlorofluoromethane	20.000	16.278	18.6	84	0.00
8 T	Diethyl Ether	20.000	16.044	19.8	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.734	11.3	94	0.00
10 M	1,1-Dichloroethene	20.000	17.939	10.3	94	0.00
11	Methyl Iodide	20.000	11.273	43.6#	62	0.00
12	Methyl Acetate	20.000	19.596	2.0	100	0.00
13 M	Acrolein	100.000	54.179	45.8#	66	0.00
14 M	Acrylonitrile	100.000	96.074	3.9	103	0.00
15 M	Acetone	100.000	100.994	-1.0	109	0.00
16 M	Carbon Disulfide	20.000	18.182	9.1	97	0.00
17	Allyl chloride	20.000	17.942	10.3	94	0.00
18 M	Methylene Chloride	20.000	18.709	6.5	100	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.292	8.5	98	0.00
20 T	Diisopropyl ether	20.000	18.091	9.5	96	0.00
21 M	1,1-Dichloroethane	20.000	18.530	7.3	98	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.325	8.4	99	0.00
23 M	tert-Butyl Alcohol	100.000	91.751	8.2	98	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.294	8.5	97	0.00
25 M	Chloroform	20.000	18.173	9.1	97	0.00
26	Cyclohexane	20.000	18.320	8.4	97	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.494	1.7	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	101	0.00
29	1,1-Dichloropropene	20.000	18.014	9.9	99	0.00
30 M	2-Butanone	100.000	92.925	7.1	101	0.00
31	2,2-Dichloropropane	20.000	15.461	22.7	84	0.00
32 M	1,1,1-Trichloroethane	20.000	17.338	13.3	94	0.00
33 M	Carbon Tetrachloride	20.000	17.107	14.5	94	0.00
34 M	Benzene	20.000	18.358	8.2	100	0.00
35	Methacrylonitrile	20.000	18.085	9.6	99	0.00
36 M	1,2-Dichloroethane	20.000	16.968	15.2	92	0.00
37 M	Trichloroethene	20.000	15.917	20.4	83	0.00
38	Methylcyclohexane	20.000	17.243	13.8	95	0.00
39 M	1,2-Dichloropropane	20.000	18.566	7.2	102	0.00
40	Dibromomethane	20.000	17.746	11.3	96	0.00
41 M	Bromodichloromethane	20.000	17.507	12.5	98	0.00
42 M	Vinyl Acetate	100.000	87.402	12.6	97	0.00
43	Ethyl Acetate	20.000	17.959	10.2	98	0.00
44	Isopropyl Acetate	20.000	17.589	12.1	96	0.00
45 T	1,4-Dioxane	400.000	358.529	10.4	99	0.00

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 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	17.484	12.6	97	0.00
47	n-amyl Acetate	20.000	16.845	15.8	95	0.00
48 M	t-1,3-Dichloropropene	20.000	17.199	14.0	97	0.00
49 T	cis-1,3-Dichloropropene	20.000	17.808	11.0	98	0.00
50 M	1,1,2-Trichloroethane	20.000	18.030	9.8	100	0.00
51	Ethyl methacrylate	20.000	17.524	12.4	100	0.00
52	1,3-Dichloropropane	20.000	18.231	8.8	100	0.00
53 M	Dibromochloromethane	20.000	17.229	13.9	98	0.00
54 M	1,2-Dibromoethane	20.000	17.619	11.9	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	94.230	5.8	108	0.00
56 M	Bromoform	20.000	17.181	14.1	101	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	101	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.816	8.2	100	0.00
59 M	2-Hexanone	100.000	90.600	9.4	99	0.00
60 S	4-Bromofluorobenzene	30.000	29.695	1.0	101	0.00
61 M	Tetrachloroethene	20.000	16.271	18.6	84	0.00
62 M	Toluene	20.000	18.184	9.1	99	0.00
63 S	Toluene-d8	30.000	30.405	-1.4	100	0.00
64 M	Chlorobenzene	20.000	17.931	10.3	98	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.827	10.9	99	0.00
66 M	Ethyl Benzene	20.000	18.007	10.0	98	0.00
67 M	m/p-Xylenes	40.000	35.668	10.8	99	0.00
68 M	o-Xylene	20.000	17.602	12.0	99	0.00
69 M	Styrene	20.000	17.332	13.3	98	0.00
70	Isopropylbenzene	20.000	17.525	12.4	97	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	24.425	-22.1	169	0.00
72	1,2,3-Trichloropropane	20.000	18.097	9.5	100	0.00
73	Bromobenzene	20.000	17.249	13.8	96	0.00
74	n-propylbenzene	20.000	17.566	12.2	98	0.00
75	2-Chlorotoluene	20.000	17.904	10.5	100	0.00
76	1,3,5-Trimethylbenzene	20.000	17.216	13.9	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.574	17.1	95	0.00
78	4-Chlorotoluene	20.000	17.594	12.0	99	0.00
79	tert-butylbenzene	20.000	17.724	11.4	101	0.00
80	1,2,4-Trimethylbenzene	20.000	17.404	13.0	98	0.00
81	sec-Butylbenzene	20.000	17.137	14.3	96	0.00
82	p-Isopropyltoluene	20.000	17.197	14.0	97	0.00
83 M	1,3-Dichlorobenzene	20.000	17.266	13.7	98	0.00
84 M	1,4-Dichlorobenzene	20.000	17.483	12.6	99	0.00
85	n-Butylbenzene	20.000	16.705	16.5	96	0.00
86 T	Hexachloroethane	20.000	16.404	18.0	96	0.00
87 M	1,2-Dichlorobenzene	20.000	17.462	12.7	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.050	9.7	104	0.00
89	1,2,4-Trichlorobenzene	20.000	17.104	14.5	96	0.00
90	Hexachlorobutadiene	20.000	16.259	18.7	89	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
91 M	Naphthalene	20.000	18.029	9.9	100	0.00
92	1,2,3-Trichlorobenzene	20.000	17.811	10.9	101	0.00

(#) = Out of Range

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