

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033021\
 Data File : VX021644.D
 Acq On : 30 Mar 2021 20:46
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 31 04:41:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X032621W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Mar 27 04:47:38 2021
 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	107	0.00
2 M	Dichlorodifluoromethane	20.000	18.162	9.2	98	0.00
3 M	Chloromethane	20.000	18.339	8.3	102	0.00
4 M	Vinyl Chloride	20.000	18.011	9.9	104	0.00
5 M	Bromomethane	20.000	22.134	-10.7	120	0.00
6 M	Chloroethane	20.000	17.342	13.3	101	0.00
7 M	Trichlorofluoromethane	20.000	17.925	10.4	101	0.00
8 T	Diethyl Ether	20.000	17.861	10.7	106	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.341	13.3	101	0.00
10 M	1,1-Dichloroethene	20.000	17.436	12.8	99	0.00
11	Methyl Iodide	20.000	19.228	3.9	133	0.00
12	Methyl Acetate	20.000	19.153	4.2	105	0.00
13 M	Acrolein	100.000	90.581	9.4	105	0.00
14 M	Acrylonitrile	100.000	85.360	14.6	99	0.00
15 M	Acetone	100.000	88.957	11.0	103	0.00
16 M	Carbon Disulfide	20.000	17.113	14.4	100	0.00
17	Allyl chloride	20.000	17.199	14.0	100	0.00
18 M	Methylene Chloride	20.000	16.925	15.4	98	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.546	12.3	102	0.00
20 T	Diisopropyl ether	20.000	17.229	13.9	101	0.00
21 M	1,1-Dichloroethane	20.000	17.240	13.8	102	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.365	13.2	101	0.00
23 M	tert-Butyl Alcohol	100.000	79.786	20.2	96	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.038	14.8	101	0.00
25 M	Chloroform	20.000	17.671	11.6	103	0.00
26	Cyclohexane	20.000	17.116	14.4	99	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.874	3.8	104	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	104	0.00
29	1,1-Dichloropropene	20.000	18.054	9.7	100	0.00
30 M	2-Butanone	100.000	89.308	10.7	99	0.00
31	2,2-Dichloropropane	20.000	15.839	20.8	91	0.00
32 M	1,1,1-Trichloroethane	20.000	18.720	6.4	103	0.00
33 M	Carbon Tetrachloride	20.000	18.698	6.5	105	0.00
34 M	Benzene	20.000	18.503	7.5	101	0.00
35	Methacrylonitrile	20.000	17.974	10.1	102	-0.01
36 M	1,2-Dichloroethane	20.000	18.968	5.2	103	0.00
37 M	Trichloroethene	20.000	18.969	5.2	105	0.00
38	Methylcyclohexane	20.000	17.417	12.9	99	0.00
39 M	1,2-Dichloropropane	20.000	18.457	7.7	102	0.00
40	Dibromomethane	20.000	18.573	7.1	101	0.00
41 M	Bromodichloromethane	20.000	18.423	7.9	103	0.00
42 M	Vinyl Acetate	100.000	87.602	12.4	99	0.00
43	Ethyl Acetate	20.000	18.275	8.6	99	0.00
44	Isopropyl Acetate	20.000	17.869	10.7	99	0.00
45 T	1,4-Dioxane	400.000	348.773	12.8	97	0.00
46	Methyl methacrylate	20.000	17.634	11.8	98	0.00
47	n-amyl Acetate	20.000	17.168	14.2	99	0.00
48 M	t-1,3-Dichloropropene	20.000	17.117	14.4	100	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.494	12.5	100	0.00
50 M	1,1,2-Trichloroethane	20.000	18.426	7.9	105	0.00
51	Ethyl methacrylate	20.000	17.456	12.7	102	0.00
52	1,3-Dichloropropane	20.000	18.422	7.9	101	0.00
53 M	Dibromochloromethane	20.000	18.090	9.6	104	0.00
54 M	1,2-Dibromoethane	20.000	17.951	10.2	99	0.00
55 M	2-Chloroethyl vinyl ether	100.000	88.261	11.7	97	0.00
56 M	Bromoform	20.000	17.643	11.8	102	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.680	7.3	99	0.00
59 M	2-Hexanone	100.000	92.512	7.5	100	0.00
60 S	4-Bromofluorobenzene	30.000	29.850	0.5	103	0.00
61 M	Tetrachloroethene	20.000	19.989	0.1	103	0.00
62 M	Toluene	20.000	18.681	6.6	100	0.00
63 S	Toluene-d8	30.000	31.172	-3.9	104	0.00
64 M	Chlorobenzene	20.000	18.580	7.1	103	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.752	6.2	107	0.00
66 M	Ethyl Benzene	20.000	18.684	6.6	103	0.00
67 M	m/p-Xylenes	40.000	37.292	6.8	101	0.00
68 M	o-Xylene	20.000	17.889	10.6	98	0.00
69 M	Styrene	20.000	17.776	11.1	99	0.00
70	Isopropylbenzene	20.000	18.397	8.0	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.113	9.4	97	0.00
72	1,2,3-Trichloropropane	20.000	18.565	7.2	101	0.00
73	Bromobenzene	20.000	18.210	8.9	99	0.00
74	n-propylbenzene	20.000	18.246	8.8	101	0.00
75	2-Chlorotoluene	20.000	18.360	8.2	101	0.00
76	1,3,5-Trimethylbenzene	20.000	18.446	7.8	101	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.903	20.5	98	0.00
78	4-Chlorotoluene	20.000	18.212	8.9	100	0.00
79	tert-butylbenzene	20.000	18.119	9.4	101	0.00
80	1,2,4-Trimethylbenzene	20.000	18.383	8.1	100	0.00
81	sec-Butylbenzene	20.000	17.968	10.2	102	0.00
82	p-Isopropyltoluene	20.000	17.680	11.6	100	0.00
83 M	1,3-Dichlorobenzene	20.000	18.290	8.6	103	0.00
84 M	1,4-Dichlorobenzene	20.000	18.002	10.0	102	0.00
85	n-Butylbenzene	20.000	17.235	13.8	101	0.00
86 T	Hexachloroethane	20.000	17.692	11.5	108	0.00
87 M	1,2-Dichlorobenzene	20.000	17.939	10.3	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.395	13.0	99	0.00
89	1,2,4-Trichlorobenzene	20.000	17.079	14.6	98	0.00
90	Hexachlorobutadiene	20.000	18.751	6.2	104	0.00
91 M	Naphthalene	20.000	17.156	14.2	99	0.00
92	1,2,3-Trichlorobenzene	20.000	18.658	6.7	105	0.00

(#) = Out of Range

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