

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031921\
 Data File : VX021291.D
 Acq On : 18 Mar 2021 20:50
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 19 02:54:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X031221W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Mar 12 12:55:27 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	113	0.00
2 M	Dichlorodifluoromethane	20.000	17.877	10.6	109	0.00
3 M	Chloromethane	20.000	24.229	-21.1	147	0.00
4 M	Vinyl Chloride	20.000	18.836	5.8	116	0.00
5 M	Bromomethane	20.000	14.059	29.7	84	0.00
6 M	Chloroethane	20.000	18.563	7.2	116	0.00
7 M	Trichlorofluoromethane	20.000	18.605	7.0	113	0.00
8 T	Diethyl Ether	20.000	19.038	4.8	115	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.435	7.8	116	0.00
10 M	1,1-Dichloroethene	20.000	19.518	2.4	122	0.00
11	Methyl Iodide	20.000	8.932	55.3#	57	0.00
12	Methyl Acetate	20.000	21.788	-8.9	129	0.00
13 M	Acrolein	100.000	118.073	-18.1	156	0.00
14 M	Acrylonitrile	100.000	104.163	-4.2	125	0.00
15 M	Acetone	100.000	102.005	-2.0	128	0.00
16 M	Carbon Disulfide	20.000	18.016	9.9	112	0.00
17	Allyl chloride	20.000	18.087	9.6	113	0.00
18 M	Methylene Chloride	20.000	19.433	2.8	118	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.874	5.6	116	0.00
20 T	Diisopropyl ether	20.000	18.998	5.0	116	0.00
21 M	1,1-Dichloroethane	20.000	19.000	5.0	116	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.264	3.7	118	0.00
23 M	tert-Butyl Alcohol	100.000	93.251	6.7	112	0.01
24 M	Methyl tert-Butyl Ether	20.000	19.616	1.9	119	0.00
25 M	Chloroform	20.000	19.159	4.2	116	0.00
26	Cyclohexane	20.000	18.093	9.5	111	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.060	-0.2	115	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	118	0.00
29	1,1-Dichloropropene	20.000	18.705	6.5	118	0.00
30 M	2-Butanone	100.000	101.652	-1.7	126	0.00
31	2,2-Dichloropropane	20.000	17.342	13.3	108	0.00
32 M	1,1,1-Trichloroethane	20.000	18.946	5.3	120	0.00
33 M	Carbon Tetrachloride	20.000	18.387	8.1	115	0.00
34 M	Benzene	20.000	18.905	5.5	118	0.00
35	Methacrylonitrile	20.000	19.467	2.7	121	0.00
36 M	1,2-Dichloroethane	20.000	19.188	4.1	117	0.00
37 M	Trichloroethene	20.000	18.556	7.2	117	0.00
38	Methylcyclohexane	20.000	17.874	10.6	114	0.00
39 M	1,2-Dichloropropane	20.000	18.973	5.1	118	0.00
40	Dibromomethane	20.000	19.385	3.1	122	0.00
41 M	Bromodichloromethane	20.000	18.348	8.3	114	0.00
42 M	Vinyl Acetate	100.000	94.982	5.0	119	0.00
43	Ethyl Acetate	20.000	19.386	3.1	122	0.00
44	Isopropyl Acetate	20.000	19.623	1.9	125	0.00
45 T	1,4-Dioxane	400.000	372.084	7.0	111	0.00
46	Methyl methacrylate	20.000	19.674	1.6	125	0.00
47	n-amyl Acetate	20.000	19.803	1.0	122	0.00
48 M	t-1,3-Dichloropropene	20.000	18.118	9.4	117	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.951	10.2	115	0.00
50 M	1,1,2-Trichloroethane	20.000	19.408	3.0	123	0.00
51	Ethyl methacrylate	20.000	19.348	3.3	121	0.00
52	1,3-Dichloropropane	20.000	18.877	5.6	118	0.00
53 M	Dibromochloromethane	20.000	18.299	8.5	116	0.00
54 M	1,2-Dibromoethane	20.000	19.366	3.2	121	0.00
55 M	2-Chloroethyl vinyl ether	100.000	99.360	0.6	122	0.00
56 M	Bromoform	20.000	17.669	11.7	113	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	116	0.00
58 M	4-Methyl-2-Pentanone	100.000	102.130	-2.1	122	0.00
59 M	2-Hexanone	100.000	103.091	-3.1	124	0.00
60 S	4-Bromofluorobenzene	30.000	29.614	1.3	113	0.00
61 M	Tetrachloroethene	20.000	17.445	12.8	110	0.00
62 M	Toluene	20.000	19.139	4.3	117	0.00
63 S	Toluene-d8	30.000	30.068	-0.2	115	0.00
64 M	Chlorobenzene	20.000	18.935	5.3	117	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.069	4.7	117	0.00
66 M	Ethyl Benzene	20.000	19.093	4.5	118	0.00
67 M	m/p-Xylenes	40.000	38.154	4.6	116	0.00
68 M	o-Xylene	20.000	19.011	4.9	116	0.00
69 M	Styrene	20.000	19.222	3.9	118	0.00
70	Isopropylbenzene	20.000	19.063	4.7	117	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.166	-5.8	131	0.00
72	1,2,3-Trichloropropane	20.000	20.398	-2.0	122	0.00
73	Bromobenzene	20.000	19.556	2.2	119	0.00
74	n-propylbenzene	20.000	19.016	4.9	118	0.00
75	2-Chlorotoluene	20.000	19.221	3.9	117	0.00
76	1,3,5-Trimethylbenzene	20.000	19.748	1.3	121	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.477	12.6	113	0.00
78	4-Chlorotoluene	20.000	19.122	4.4	116	0.00
79	tert-butylbenzene	20.000	19.411	2.9	119	0.00
80	1,2,4-Trimethylbenzene	20.000	19.611	1.9	121	0.00
81	sec-Butylbenzene	20.000	19.525	2.4	119	0.00
82	p-Isopropyltoluene	20.000	19.398	3.0	120	0.00
83 M	1,3-Dichlorobenzene	20.000	19.358	3.2	117	0.00
84 M	1,4-Dichlorobenzene	20.000	19.623	1.9	118	0.00
85	n-Butylbenzene	20.000	18.769	6.2	118	0.00
86 T	Hexachloroethane	20.000	17.359	13.2	107	0.00
87 M	1,2-Dichlorobenzene	20.000	19.588	2.1	119	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.523	-2.6	127	0.00
89	1,2,4-Trichlorobenzene	20.000	19.054	4.7	118	0.00
90	Hexachlorobutadiene	20.000	18.487	7.6	123	0.00
91 M	Naphthalene	20.000	21.008	-5.0	134	0.00
92	1,2,3-Trichlorobenzene	20.000	20.526	-2.6	128	0.00

(#) = Out of Range

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