

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX110421\
 Data File : VX025070.D
 Acq On : 04 Nov 2021 12:04
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 07 00:00:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X110421W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Nov 03 23:52:56 2021
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	123	-0.01
2 M	Dichlorodifluoromethane	20.000	20.180	-0.9	118	0.00
3 M	Chloromethane	20.000	18.169	9.2	100	0.00
4 M	Vinyl Chloride	20.000	19.754	1.2	117	0.00
5 M	Bromomethane	20.000	18.973	5.1	103	0.00
6 M	Chloroethane	20.000	19.073	4.6	103	0.00
7 M	Trichlorofluoromethane	20.000	20.172	-0.9	118	0.00
8 T	Diethyl Ether	20.000	20.011	-0.1	118	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.416	-7.1	132	0.00
10 M	1,1-Dichloroethene	20.000	20.576	-2.9	121	0.00
11	Methyl Iodide	20.000	21.622	-8.1	162	0.00
12	Methyl Acetate	20.000	19.146	4.3	112	0.00
13 M	Acrolein	100.000	98.101	1.9	131	0.00
14 M	Acrylonitrile	100.000	98.573	1.4	113	0.00
15 M	Acetone	100.000	114.504	-14.5	128	0.00
16 M	Carbon Disulfide	20.000	20.483	-2.4	124	0.00
17	Allyl chloride	20.000	21.219	-6.1	128	0.00
18 M	Methylene Chloride	20.000	20.417	-2.1	116	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.548	-2.7	122	0.00
20 T	Diisopropyl ether	20.000	20.823	-4.1	120	0.00
21 M	1,1-Dichloroethane	20.000	20.250	-1.3	117	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.922	0.4	118	0.00
23 M	tert-Butyl Alcohol	100.000	93.088	6.9	104	0.00
24 M	Methyl tert-Butyl Ether	20.000	21.056	-5.3	122	0.00
25 M	Chloroform	20.000	19.885	0.6	114	-0.01
26	Cyclohexane	20.000	22.838	-14.2	133	0.00
27 s	1,2-Dichloroethane-d4	30.000	33.673	-12.2	140	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	128	0.00
29	1,1-Dichloropropene	20.000	22.069	-10.3	130	0.00
30 M	2-Butanone	100.000	98.434	1.6	115	0.00
31	2,2-Dichloropropane	20.000	21.316	-6.6	126	0.00
32 M	1,1,1-Trichloroethane	20.000	18.743	6.3	116	0.00
33 M	Carbon Tetrachloride	20.000	19.885	0.6	123	0.00
34 M	Benzene	20.000	20.046	-0.2	122	0.00
35	Methacrylonitrile	20.000	22.681	-13.4	137	-0.08
36 M	1,2-Dichloroethane	20.000	19.331	3.3	117	0.00
37 M	Trichloroethene	20.000	20.504	-2.5	131	0.00
38	Methylcyclohexane	20.000	21.193	-6.0	130	0.00
39 M	1,2-Dichloropropane	20.000	19.327	3.4	124	0.00
40	Dibromomethane	20.000	20.073	-0.4	125	0.00
41 M	Bromodichloromethane	20.000	19.004	5.0	119	0.00
42 M	Vinyl Acetate	100.000	98.403	1.6	117	0.00
43	Ethyl Acetate	20.000	19.787	1.1	118	0.00
44	Isopropyl Acetate	20.000	18.815	5.9	117	0.00
45 T	1,4-Dioxane	400.000	348.550	12.9	104	0.00
46	Methyl methacrylate	20.000	18.496	7.5	112	0.00
47	n-amyl Acetate	20.000	18.774	6.1	117	0.00
48 M	t-1,3-Dichloropropene	20.000	19.463	2.7	122	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.135	4.3	119	0.00
50 M	1,1,2-Trichloroethane	20.000	19.300	3.5	120	0.00
51	Ethyl methacrylate	20.000	19.174	4.1	120	0.00
52	1,3-Dichloropropane	20.000	19.843	0.8	120	0.00
53 M	Dibromochloromethane	20.000	19.604	2.0	124	0.00
54 M	1,2-Dibromoethane	20.000	18.997	5.0	118	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.398	3.6	124	0.00
56 M	Bromoform	20.000	18.976	5.1	123	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	124	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.424	1.6	111	0.00
59 M	2-Hexanone	100.000	101.648	-1.6	115	0.00
60 S	4-Bromofluorobenzene	30.000	30.603	-2.0	124	0.00
61 M	Tetrachloroethene	20.000	21.469	-7.3	128	0.00
62 M	Toluene	20.000	20.699	-3.5	121	0.00
63 S	Toluene-d8	30.000	30.650	-2.2	125	0.00
64 M	Chlorobenzene	20.000	20.467	-2.3	120	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.119	-0.6	115	0.00
66 M	Ethyl Benzene	20.000	20.913	-4.6	121	0.00
67 M	m/p-Xylenes	40.000	41.886	-4.7	124	0.00
68 M	o-Xylene	20.000	20.639	-3.2	120	0.00
69 M	Styrene	20.000	21.173	-5.9	127	0.00
70	Isopropylbenzene	20.000	21.450	-7.2	125	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.247	-1.2	117	0.00
72	1,2,3-Trichloropropane	20.000	20.375	-1.9	117	0.00
73	Bromobenzene	20.000	20.738	-3.7	124	0.00
74	n-propylbenzene	20.000	20.938	-4.7	121	0.00
75	2-Chlorotoluene	20.000	20.859	-4.3	123	0.00
76	1,3,5-Trimethylbenzene	20.000	20.995	-5.0	122	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.545	2.3	121	0.00
78	4-Chlorotoluene	20.000	20.470	-2.3	118	0.00
79	tert-butylbenzene	20.000	21.020	-5.1	121	0.00
80	1,2,4-Trimethylbenzene	20.000	20.517	-2.6	117	0.00
81	sec-Butylbenzene	20.000	21.860	-9.3	126	0.00
82	p-Isopropyltoluene	20.000	21.150	-5.7	122	0.00
83 M	1,3-Dichlorobenzene	20.000	20.215	-1.1	120	0.00
84 M	1,4-Dichlorobenzene	20.000	19.478	2.6	117	0.00
85	n-Butylbenzene	20.000	20.013	-0.1	118	0.00
86 T	Hexachloroethane	20.000	20.572	-2.9	125	0.00
87 M	1,2-Dichlorobenzene	20.000	18.334	8.3	106	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.153	-0.8	122	0.00
89	1,2,4-Trichlorobenzene	20.000	21.687	-8.4	126	0.00
90	Hexachlorobutadiene	20.000	21.553	-7.8	129	0.00
91 M	Naphthalene	20.000	19.949	0.3	117	0.00
92	1,2,3-Trichlorobenzene	20.000	20.644	-3.2	122	0.00

(#) = Out of Range

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