

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\WX011422\
 Data File : VX026455.D
 Acq On : 14 Jan 2022 15:03
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 17 05:59:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011022W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jan 10 12:50:55 2022
 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	78	0.00
2 M	Dichlorodifluoromethane	20.000	20.478	-2.4	66	0.00
3 M	Chloromethane	20.000	21.185	-5.9	71	0.00
4 M	Vinyl Chloride	20.000	19.659	1.7	67	0.00
5 M	Bromomethane	20.000	24.794	-24.0	82	0.00
6 M	Chloroethane	20.000	21.031	-5.2	70	0.00
7 M	Trichlorofluoromethane	20.000	19.129	4.4	65	0.00
8 T	Diethyl Ether	20.000	20.275	-1.4	70	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.111	-0.6	68	0.00
10 M	1,1-Dichloroethene	20.000	19.847	0.8	69	0.00
11	Methyl Iodide	20.000	19.699	1.5	74	0.00
12	Methyl Acetate	20.000	21.289	-6.4	74	0.00
13 M	Acrolein	100.000	85.865	14.1	74	0.00
14 M	Acrylonitrile	100.000	108.487	-8.5	75	0.00
15 M	Acetone	100.000	106.022	-6.0	68	0.00
16 M	Carbon Disulfide	20.000	19.097	4.5	67	0.00
17	Allyl chloride	20.000	19.018	4.9	68	0.00
18 M	Methylene Chloride	20.000	20.865	-4.3	73	0.00
19 M	trans-1,2-Dichloroethene	20.000	20.016	-0.1	70	0.00
20 T	Diisopropyl ether	20.000	20.364	-1.8	69	0.00
21 M	1,1-Dichloroethane	20.000	19.928	0.4	69	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.184	-0.9	71	0.00
23 M	tert-Butyl Alcohol	100.000	99.510	0.5	75	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.843	0.8	68	0.00
25 M	Chloroform	20.000	27.770	-38.8#	95	0.00
26	Cyclohexane	20.000	20.225	-1.1	69	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.350	2.2	74	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	77	0.00
29	1,1-Dichloropropene	20.000	19.691	1.5	70	0.00
30 M	2-Butanone	100.000	98.521	1.5	67	0.00
31	2,2-Dichloropropane	20.000	16.535	17.3	60	0.00
32 M	1,1,1-Trichloroethane	20.000	18.538	7.3	65	0.00
33 M	Carbon Tetrachloride	20.000	18.293	8.5	64	0.00
34 M	Benzene	20.000	20.349	-1.7	71	0.00
35	Methacrylonitrile	20.000	20.277	-1.4	71	0.00
36 M	1,2-Dichloroethane	20.000	19.240	3.8	68	0.00
37 M	Trichloroethene	20.000	20.055	-0.3	71	0.00
38	Methylcyclohexane	20.000	20.127	-0.6	69	0.00
39 M	1,2-Dichloropropane	20.000	20.155	-0.8	70	0.00
40	Dibromomethane	20.000	20.100	-0.5	71	0.00
41 M	Bromodichloromethane	20.000	19.795	1.0	69	0.00
42 M	Vinyl Acetate	100.000	99.330	0.7	70	0.00
43	Ethyl Acetate	20.000	21.030	-5.2	74	0.00
44	Isopropyl Acetate	20.000	19.916	0.4	70	0.00
45 T	1,4-Dioxane	400.000	418.217	-4.6	74	-0.02
46	Methyl methacrylate	20.000	20.436	-2.2	71	0.00
47	n-amyl Acetate	20.000	21.219	-6.1	74	0.00
48 M	t-1,3-Dichloropropene	20.000	17.694	11.5	64	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.318	8.4	65	0.00
50 M	1,1,2-Trichloroethane	20.000	20.779	-3.9	72	0.00
51	Ethyl methacrylate	20.000	20.557	-2.8	72	0.00
52	1,3-Dichloropropane	20.000	20.880	-4.4	72	0.00
53 M	Dibromochloromethane	20.000	19.209	4.0	67	0.00
54 M	1,2-Dibromoethane	20.000	20.561	-2.8	72	0.00
55 M	2-Chloroethyl vinyl ether	100.000	103.820	-3.8	77	0.00
56 M	Bromoform	20.000	19.028	4.9	69	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.595	-5.6	75	0.00
59 M	2-Hexanone	100.000	102.859	-2.9	71	0.00
60 S	4-Bromofluorobenzene	30.000	30.620	-2.1	83	0.00
61 M	Tetrachloroethene	20.000	19.469	2.7	70	0.00
62 M	Toluene	20.000	19.827	0.9	72	0.00
63 S	Toluene-d8	30.000	28.981	3.4	78	0.00
64 M	Chlorobenzene	20.000	20.281	-1.4	74	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.736	6.3	68	0.00
66 M	Ethyl Benzene	20.000	19.895	0.5	72	0.00
67 M	m/p-Xylenes	40.000	41.331	-3.3	75	0.00
68 M	o-Xylene	20.000	20.666	-3.3	74	0.00
69 M	Styrene	20.000	20.877	-4.4	77	0.00
70	Isopropylbenzene	20.000	20.740	-3.7	75	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.210	-11.1	82	0.00
72	1,2,3-Trichloropropane	20.000	21.286	-6.4	77	0.00
73	Bromobenzene	20.000	20.932	-4.7	76	0.00
74	n-propylbenzene	20.000	20.828	-4.1	76	0.00
75	2-Chlorotoluene	20.000	20.826	-4.1	76	0.00
76	1,3,5-Trimethylbenzene	20.000	21.053	-5.3	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.489	17.6	66	0.00
78	4-Chlorotoluene	20.000	20.789	-3.9	76	0.00
79	tert-butylbenzene	20.000	21.464	-7.3	78	0.00
80	1,2,4-Trimethylbenzene	20.000	20.991	-5.0	75	0.00
81	sec-Butylbenzene	20.000	21.212	-6.1	77	0.00
82	p-Isopropyltoluene	20.000	21.251	-6.3	77	0.00
83 M	1,3-Dichlorobenzene	20.000	21.531	-7.7	80	0.00
84 M	1,4-Dichlorobenzene	20.000	22.028	-10.1	82	0.00
85	n-Butylbenzene	20.000	21.154	-5.8	78	0.00
86 T	Hexachloroethane	20.000	18.653	6.7	70	0.00
87 M	1,2-Dichlorobenzene	20.000	22.157	-10.8	81	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.164	-0.8	76	0.00
89	1,2,4-Trichlorobenzene	20.000	21.713	-8.6	84	0.00
90	Hexachlorobutadiene	20.000	21.087	-5.4	78	0.00
91 M	Naphthalene	20.000	21.890	-9.5	83	0.00
92	1,2,3-Trichlorobenzene	20.000	21.760	-8.8	82	0.00

(#) = Out of Range

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