

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092822\
 Data File : VN074649.D
 Acq On : 28 Sep 2022 16:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 28 16:32:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 28 07:48:31 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	73	0.00
2 M	Dichlorodifluoromethane	20.000	20.783	-3.9	73	0.00
3 M	Chloromethane	20.000	22.736	-13.7	80	0.00
4 M	Vinyl Chloride	20.000	26.319	-31.6#	93	0.00
5 M	Bromomethane	20.000	25.633	-28.2#	81	-0.02
6 M	Chloroethane	20.000	27.152	-35.8#	96	-0.02
7 M	Trichlorofluoromethane	20.000	21.363	-6.8	75	-0.01
8 T	Diethyl Ether	20.000	20.666	-3.3	72	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.011	-5.1	76	0.00
10 M	1,1-Dichloroethene	20.000	20.400	-2.0	71	-0.01
11	Methyl Iodide	20.000	18.642	6.8	67	0.00
12	Methyl Acetate	20.000	21.540	-7.7	76	0.00
13 M	Acrolein	100.000	77.057	22.9	58	0.00
14 M	Acrylonitrile	100.000	101.456	-1.5	72	0.00
15 M	Acetone	100.000	101.318	-1.3	72	0.00
16 M	Carbon Disulfide	20.000	20.167	-0.8	73	0.00
17	Allyl chloride	20.000	23.015	-15.1	82	-0.01
18 M	Methylene Chloride	20.000	21.358	-6.8	74	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.627	1.9	72	-0.01
20 T	Diisopropyl ether	20.000	21.569	-7.8	78	0.00
21 M	1,1-Dichloroethane	20.000	21.740	-8.7	77	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.944	0.3	72	0.00
23 M	tert-Butyl Alcohol	100.000	95.381	4.6	66	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.827	0.9	72	-0.02
25 M	Chloroform	20.000	19.874	0.6	72	0.00
26	Cyclohexane	20.000	22.178	-10.9	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.443	-4.8	75	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	70	0.00
29	1,1-Dichloropropene	20.000	21.331	-6.7	79	0.00
30 M	2-Butanone	100.000	100.773	-0.8	71	0.00
31	2,2-Dichloropropane	20.000	20.130	-0.6	72	-0.01
32 M	1,1,1-Trichloroethane	20.000	19.656	1.7	71	0.00
33 M	Carbon Tetrachloride	20.000	19.876	0.6	73	0.00
34 M	Benzene	20.000	20.087	-0.4	73	0.00
35	Methacrylonitrile	20.000	22.382	-11.9	81	0.00
36 M	1,2-Dichloroethane	20.000	20.143	-0.7	75	0.00
37 M	Trichloroethene	20.000	20.546	-2.7	73	0.00
38	Methylcyclohexane	20.000	20.446	-2.2	75	0.00
39 M	1,2-Dichloropropane	20.000	21.086	-5.4	74	0.00
40	Dibromomethane	20.000	19.195	4.0	70	0.00
41 M	Bromodichloromethane	20.000	19.996	0.0	73	0.00
42 M	Vinyl Acetate	100.000	104.570	-4.6	75	0.00
43	Ethyl Acetate	20.000	20.484	-2.4	72	0.00
44	Isopropyl Acetate	20.000	20.835	-4.2	74	0.00
45 T	1,4-Dioxane	400.000	382.637	4.3	63	0.00
46	Methyl methacrylate	20.000	21.354	-6.8	77	0.00
47	n-amyl Acetate	20.000	19.412	2.9	74	0.00
48 M	t-1,3-Dichloropropene	20.000	19.110	4.5	73	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.578	2.1	72	0.00
50 M	1,1,2-Trichloroethane	20.000	19.821	0.9	70	0.00
51	Ethyl methacrylate	20.000	18.893	5.5	71	0.00
52	1,3-Dichloropropane	20.000	19.819	0.9	72	0.00
53 M	Dibromochloromethane	20.000	18.352	8.2	70	0.00
54 M	1,2-Dibromoethane	20.000	18.811	5.9	69	0.00
55 M	2-Chloroethyl vinyl ether	100.000	101.886	-1.9	77	0.00
56 M	Bromoform	20.000	15.726	21.4	66	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	72	0.00
58 M	4-Methyl-2-Pentanone	100.000	103.140	-3.1	73	0.00
59 M	2-Hexanone	100.000	101.491	-1.5	73	0.00
60 S	4-Bromofluorobenzene	30.000	27.158	9.5	72	0.00
61 M	Tetrachloroethene	20.000	20.150	-0.7	77	0.00
62 M	Toluene	20.000	19.758	1.2	75	0.00
63 S	Toluene-d8	30.000	30.325	-1.1	74	0.00
64 M	Chlorobenzene	20.000	19.722	1.4	73	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.187	4.1	71	0.00
66 M	Ethyl Benzene	20.000	20.083	-0.4	74	0.00
67 M	m/p-Xylenes	40.000	37.538	6.2	75	0.00
68 M	o-Xylene	20.000	18.548	7.3	74	0.00
69 M	Styrene	20.000	17.282	13.6	71	0.00
70	Isopropylbenzene	20.000	18.592	7.0	75	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.080	4.6	70	0.00
72	1,2,3-Trichloropropane	20.000	21.783	-8.9	85	0.00
73	Bromobenzene	20.000	19.305	3.5	74	0.00
74	n-propylbenzene	20.000	19.216	3.9	76	0.00
75	2-Chlorotoluene	20.000	18.315	8.4	73	0.00
76	1,3,5-Trimethylbenzene	20.000	17.996	10.0	75	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.561	12.2	70	0.00
78	4-Chlorotoluene	20.000	17.219	13.9	73	0.00
79	tert-butylbenzene	20.000	18.163	9.2	76	0.00
80	1,2,4-Trimethylbenzene	20.000	17.836	10.8	76	0.00
81	sec-Butylbenzene	20.000	18.189	9.1	75	0.00
82	p-Isopropyltoluene	20.000	17.741	11.3	76	0.00
83 M	1,3-Dichlorobenzene	20.000	17.117	14.4	75	0.00
84 M	1,4-Dichlorobenzene	20.000	17.092	14.5	75	0.00
85	n-Butylbenzene	20.000	17.618	11.9	77	0.00
86 T	Hexachloroethane	20.000	18.715	6.4	70	0.00
87 M	1,2-Dichlorobenzene	20.000	16.843	15.8	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.816	15.9	64	0.00
89	1,2,4-Trichlorobenzene	20.000	18.487	7.6	75	0.00
90	Hexachlorobutadiene	20.000	19.317	3.4	74	0.00
91 M	Naphthalene	20.000	16.908	15.5	67	0.00
92	1,2,3-Trichlorobenzene	20.000	18.441	7.8	73	0.00

(#) = Out of Range

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