

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062422\
 Data File : VN073096.D
 Acq On : 24 Jun 2022 20:38
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 24 23:34:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:54:59 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	94	0.00
2 M	Dichlorodifluoromethane	20.000	20.295	-1.5	89	0.00
3 M	Chloromethane	20.000	18.855	5.7	87	0.00
4 M	Vinyl Chloride	20.000	19.484	2.6	87	0.00
5 M	Bromomethane	20.000	24.080	-20.4	90	0.00
6 M	Chloroethane	20.000	18.757	6.2	82	0.00
7 M	Trichlorofluoromethane	20.000	17.009	15.0	80	0.00
8 T	Diethyl Ether	20.000	19.467	2.7	89	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.731	1.3	92	0.00
10 M	1,1-Dichloroethene	20.000	19.053	4.7	89	0.00
11	Methyl Iodide	20.000	18.528	7.4	96	0.00
12	Methyl Acetate	20.000	19.054	4.7	90	0.00
13 M	Acrolein	100.000	114.409	-14.4	104	0.00
14 M	Acrylonitrile	100.000	102.379	-2.4	96	0.00
15 M	Acetone	100.000	100.272	-0.3	90	0.00
16 M	Carbon Disulfide	20.000	18.549	7.3	90	0.00
17	Allyl chloride	20.000	20.398	-2.0	99	0.00
18 M	Methylene Chloride	20.000	19.445	2.8	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.173	4.1	90	0.00
20 T	Diisopropyl ether	20.000	19.462	2.7	92	0.00
21 M	1,1-Dichloroethane	20.000	19.104	4.5	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.142	4.3	91	0.00
23 M	tert-Butyl Alcohol	100.000	96.208	3.8	94	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.888	5.6	88	0.00
25 M	Chloroform	20.000	19.181	4.1	90	0.00
26	Cyclohexane	20.000	18.851	5.7	89	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.662	1.1	91	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	18.920	5.4	90	0.00
30 M	2-Butanone	100.000	104.418	-4.4	95	0.00
31	2,2-Dichloropropane	20.000	34.205	-71.0#	153	0.00
32 M	1,1,1-Trichloroethane	20.000	19.299	3.5	91	0.00
33 M	Carbon Tetrachloride	20.000	19.013	4.9	90	0.00
34 M	Benzene	20.000	20.140	-0.7	92	0.00
35	Methacrylonitrile	20.000	20.342	-1.7	92	0.00
36 M	1,2-Dichloroethane	20.000	19.225	3.9	89	0.00
37 M	Trichloroethene	20.000	19.223	3.9	92	0.00
38	Methylcyclohexane	20.000	19.036	4.8	88	0.00
39 M	1,2-Dichloropropane	20.000	19.610	2.0	91	0.00
40	Dibromomethane	20.000	19.702	1.5	91	0.00
41 M	Bromodichloromethane	20.000	19.220	3.9	92	0.00
42 M	Vinyl Acetate	100.000	100.572	-0.6	94	0.00
43	Ethyl Acetate	20.000	19.836	0.8	85	0.00
44	Isopropyl Acetate	20.000	20.302	-1.5	96	0.00
45 T	1,4-Dioxane	400.000	425.998	-6.5	99	0.00
46	Methyl methacrylate	20.000	19.326	3.4	93	0.00
47	n-amyl Acetate	20.000	19.481	2.6	96	0.00
48 M	t-1,3-Dichloropropene	20.000	20.278	-1.4	99	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.958	-4.8	100	0.00
50 M	1,1,2-Trichloroethane	20.000	19.238	3.8	89	0.00
51	Ethyl methacrylate	20.000	18.723	6.4	88	0.00
52	1,3-Dichloropropane	20.000	19.605	2.0	92	0.00
53 M	Dibromochloromethane	20.000	18.698	6.5	92	0.00
54 M	1,2-Dibromoethane	20.000	18.835	5.8	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	116.113	-16.1	105	0.00
56 M	Bromoform	20.000	17.383	13.1	88	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	105.648	-5.6	94	0.00
59 M	2-Hexanone	100.000	107.601	-7.6	97	0.00
60 S	4-Bromofluorobenzene	30.000	29.246	2.5	92	0.00
61 M	Tetrachloroethene	20.000	20.488	-2.4	95	0.00
62 M	Toluene	20.000	19.903	0.5	90	0.00
63 S	Toluene-d8	30.000	30.897	-3.0	93	0.00
64 M	Chlorobenzene	20.000	19.240	3.8	89	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.375	3.1	90	0.00
66 M	Ethyl Benzene	20.000	19.347	3.3	90	0.00
67 M	m/p-Xylenes	40.000	39.074	2.3	90	0.00
68 M	o-Xylene	20.000	19.387	3.1	89	0.00
69 M	Styrene	20.000	19.227	3.9	89	0.00
70	Isopropylbenzene	20.000	19.281	3.6	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.787	1.1	91	0.00
72	1,2,3-Trichloropropane	20.000	21.720	-8.6	97	0.00
73	Bromobenzene	20.000	19.164	4.2	90	0.00
74	n-propylbenzene	20.000	19.165	4.2	91	0.00
75	2-Chlorotoluene	20.000	19.210	3.9	90	0.00
76	1,3,5-Trimethylbenzene	20.000	18.921	5.4	88	0.00
77	t-1,4-Dichloro-2-butene	20.000	22.487	-12.4	114	0.00
78	4-Chlorotoluene	20.000	18.810	6.0	89	0.00
79	tert-butylbenzene	20.000	19.386	3.1	90	0.00
80	1,2,4-Trimethylbenzene	20.000	23.305	-16.5	108	0.14
81	sec-Butylbenzene	20.000	19.186	4.1	91	0.00
82	p-Isopropyltoluene	20.000	19.172	4.1	91	0.00
83 M	1,3-Dichlorobenzene	20.000	18.777	6.1	88	0.00
84 M	1,4-Dichlorobenzene	20.000	18.907	5.5	89	0.00
85	n-Butylbenzene	20.000	18.230	8.8	93	0.00
86 T	Hexachloroethane	20.000	18.456	7.7	91	0.00
87 M	1,2-Dichlorobenzene	20.000	19.281	3.6	91	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.983	5.1	90	0.00
89	1,2,4-Trichlorobenzene	20.000	17.708	11.5	89	0.00
90	Hexachlorobutadiene	20.000	19.084	4.6	94	0.00
91 M	Naphthalene	20.000	18.874	5.6	91	0.00
92	1,2,3-Trichlorobenzene	20.000	18.775	6.1	93	0.00

(#) = Out of Range

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