

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072525.D
 Acq On : 17 May 2022 00:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 17 07:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 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	101	0.00
2 M	Dichlorodifluoromethane	20.000	19.907	0.5	94	0.00
3 M	Chloromethane	20.000	17.654	11.7	84	0.00
4 M	Vinyl Chloride	20.000	19.696	1.5	94	0.00
5 M	Bromomethane	20.000	19.714	1.4	109	0.02
6 M	Chloroethane	20.000	21.927	-9.6	106	0.02
7 M	Trichlorofluoromethane	20.000	19.844	0.8	93	0.00
8 T	Diethyl Ether	20.000	17.768	11.2	86	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.114	4.4	89	0.00
10 M	1,1-Dichloroethene	20.000	18.851	5.7	92	0.00
11	Methyl Iodide	20.000	18.848	5.8	92	0.00
12	Methyl Acetate	20.000	18.162	9.2	85	0.00
13 M	Acrolein	100.000	78.544	21.5	76	0.00
14 M	Acrylonitrile	100.000	87.673	12.3	86	0.00
15 M	Acetone	100.000	96.813	3.2	94	0.00
16 M	Carbon Disulfide	20.000	18.452	7.7	89	0.00
17	Allyl chloride	20.000	16.752	16.2	82	0.00
18 M	Methylene Chloride	20.000	19.370	3.1	92	0.00
19 M	trans-1,2-Dichloroethene	20.000	18.581	7.1	89	0.00
20 T	Diisopropyl ether	20.000	18.275	8.6	88	0.00
21 M	1,1-Dichloroethane	20.000	18.927	5.4	91	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.362	3.2	94	0.00
23 M	tert-Butyl Alcohol	100.000	77.377	22.6	77	-0.02
24 M	Methyl tert-Butyl Ether	20.000	19.340	3.3	93	0.00
25 M	Chloroform	20.000	20.163	-0.8	96	0.00
26	Cyclohexane	20.000	18.887	5.6	91	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.320	-4.4	97	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	19.474	2.6	95	0.00
30 M	2-Butanone	100.000	86.305	13.7	82	0.00
31	2,2-Dichloropropane	20.000	15.498	22.5	77	0.00
32 M	1,1,1-Trichloroethane	20.000	19.725	1.4	96	0.00
33 M	Carbon Tetrachloride	20.000	20.019	-0.1	94	0.00
34 M	Benzene	20.000	19.209	4.0	92	0.00
35	Methacrylonitrile	20.000	17.279	13.6	86	0.00
36 M	1,2-Dichloroethane	20.000	19.757	1.2	93	0.00
37 M	Trichloroethene	20.000	19.528	2.4	94	0.00
38	Methylcyclohexane	20.000	19.159	4.2	93	0.00
39 M	1,2-Dichloropropane	20.000	18.686	6.6	88	0.00
40	Dibromomethane	20.000	18.405	8.0	87	0.00
41 M	Bromodichloromethane	20.000	19.123	4.4	94	0.00
42 M	Vinyl Acetate	100.000	95.259	4.7	90	0.00
43	Ethyl Acetate	20.000	17.397	13.0	87	0.00
44	Isopropyl Acetate	20.000	18.259	8.7	89	0.00
45 T	1,4-Dioxane	400.000	276.464	30.9#	65	0.00
46	Methyl methacrylate	20.000	17.549	12.3	92	0.00
47	n-amyl Acetate	20.000	17.988	10.1	93	0.00
48 M	t-1,3-Dichloropropene	20.000	17.317	13.4	87	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.392	13.0	85	0.00
50 M	1,1,2-Trichloroethane	20.000	18.989	5.1	93	0.00
51	Ethyl methacrylate	20.000	18.036	9.8	90	0.00
52	1,3-Dichloropropane	20.000	19.324	3.4	94	0.00
53 M	Dibromochloromethane	20.000	18.766	6.2	89	0.00
54 M	1,2-Dibromoethane	20.000	18.745	6.3	94	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.742	18.3	89	0.00
56 M	Bromoform	20.000	18.401	8.0	94	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.152	7.8	87	0.00
59 M	2-Hexanone	100.000	89.092	10.9	84	0.00
60 S	4-Bromofluorobenzene	30.000	29.591	1.4	97	0.00
61 M	Tetrachloroethene	20.000	19.864	0.7	92	0.00
62 M	Toluene	20.000	19.257	3.7	91	0.00
63 S	Toluene-d8	30.000	30.878	-2.9	97	0.00
64 M	Chlorobenzene	20.000	18.635	6.8	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.686	1.6	92	0.00
66 M	Ethyl Benzene	20.000	19.229	3.9	92	0.00
67 M	m/p-Xylenes	40.000	39.071	2.3	94	0.00
68 M	o-Xylene	20.000	19.400	3.0	93	0.00
69 M	Styrene	20.000	19.237	3.8	94	0.00
70	Isopropylbenzene	20.000	19.579	2.1	94	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.037	-0.2	93	0.00
72	1,2,3-Trichloropropane	20.000	19.480	2.6	89	0.00
73	Bromobenzene	20.000	19.430	2.9	95	0.00
74	n-propylbenzene	20.000	19.312	3.4	96	0.00
75	2-Chlorotoluene	20.000	19.325	3.4	92	0.00
76	1,3,5-Trimethylbenzene	20.000	19.931	0.3	97	0.00
77	t-1,4-Dichloro-2-butene	20.000	14.615	26.9	79	0.00
78	4-Chlorotoluene	20.000	19.402	3.0	96	0.00
79	tert-butylbenzene	20.000	18.872	5.6	92	0.00
80	1,2,4-Trimethylbenzene	20.000	19.965	0.2	97	0.00
81	sec-Butylbenzene	20.000	19.441	2.8	97	0.00
82	p-Isopropyltoluene	20.000	19.576	2.1	97	0.00
83 M	1,3-Dichlorobenzene	20.000	19.741	1.3	99	0.00
84 M	1,4-Dichlorobenzene	20.000	18.637	6.8	94	0.00
85	n-Butylbenzene	20.000	19.057	4.7	103	0.00
86 T	Hexachloroethane	20.000	18.260	8.7	95	0.00
87 M	1,2-Dichlorobenzene	20.000	20.033	-0.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.485	7.6	91	0.00
89	1,2,4-Trichlorobenzene	20.000	18.659	6.7	104	0.00
90	Hexachlorobutadiene	20.000	20.187	-0.9	96	0.00
91 M	Naphthalene	20.000	19.285	3.6	96	0.00
92	1,2,3-Trichlorobenzene	20.000	18.433	7.8	99	0.00

(#) = Out of Range

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