

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071908.D
 Acq On : 08 Apr 2022 11:20
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 09 05:19:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 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	77	0.00
2 M	Dichlorodifluoromethane	20.000	14.199	29.0	53	0.00
3 M	Chloromethane	20.000	14.615	26.9	57	0.00
4 M	Vinyl Chloride	20.000	13.485	32.6#	53	0.00
5 M	Bromomethane	20.000	16.519	17.4	57	-0.01
6 M	Chloroethane	20.000	14.390	28.0	57	0.00
7 M	Trichlorofluoromethane	20.000	16.433	17.8	64	-0.01
8 T	Diethyl Ether	20.000	18.369	8.2	72	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.143	9.3	70	0.00
10 M	1,1-Dichloroethene	20.000	17.114	14.4	67	0.00
11	Methyl Iodide	20.000	16.260	18.7	65	0.00
12	Methyl Acetate	20.000	19.538	2.3	77	0.00
13 M	Acrolein	100.000	108.886	-8.9	90	0.00
14 M	Acrylonitrile	100.000	98.702	1.3	79	0.00
15 M	Acetone	100.000	84.751	15.2	64	0.00
16 M	Carbon Disulfide	20.000	12.248	38.8#	49	0.00
17	Allyl chloride	20.000	16.901	15.5	68	0.00
18 M	Methylene Chloride	20.000	17.984	10.1	71	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.130	14.4	68	0.00
20 T	Diisopropyl ether	20.000	18.827	5.9	73	0.00
21 M	1,1-Dichloroethane	20.000	18.252	8.7	72	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.472	7.6	73	0.00
23 M	tert-Butyl Alcohol	100.000	90.216	9.8	74	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.307	3.5	76	0.00
25 M	Chloroform	20.000	19.238	3.8	75	0.00
26	Cyclohexane	20.000	16.009	20.0	63	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.666	4.4	73	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	79	0.00
29	1,1-Dichloropropene	20.000	16.634	16.8	67	0.00
30 M	2-Butanone	100.000	88.897	11.1	71	0.00
31	2,2-Dichloropropane	20.000	16.752	16.2	68	0.00
32 M	1,1,1-Trichloroethane	20.000	17.762	11.2	72	0.00
33 M	Carbon Tetrachloride	20.000	17.374	13.1	69	0.00
34 M	Benzene	20.000	17.949	10.3	71	0.00
35	Methacrylonitrile	20.000	19.745	1.3	76	0.00
36 M	1,2-Dichloroethane	20.000	17.685	11.6	71	0.00
37 M	Trichloroethene	20.000	17.672	11.6	72	0.00
38	Methylcyclohexane	20.000	15.659	21.7	63	0.00
39 M	1,2-Dichloropropane	20.000	18.932	5.3	75	0.00
40	Dibromomethane	20.000	18.201	9.0	73	0.00
41 M	Bromodichloromethane	20.000	18.461	7.7	75	0.00
42 M	Vinyl Acetate	100.000	88.323	11.7	72	0.00
43	Ethyl Acetate	20.000	18.112	9.4	72	0.00
44	Isopropyl Acetate	20.000	17.574	12.1	73	0.00
45 T	1,4-Dioxane	400.000	389.031	2.7	76	0.00
46	Methyl methacrylate	20.000	17.124	14.4	73	0.00
47	n-amyl Acetate	20.000	16.624	16.9	74	0.00
48 M	t-1,3-Dichloropropene	20.000	17.910	10.4	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	17.962	10.2	74	0.00
50 M	1,1,2-Trichloroethane	20.000	20.037	-0.2	80	0.00
51	Ethyl methacrylate	20.000	18.542	7.3	79	0.00
52	1,3-Dichloropropane	20.000	19.101	4.5	76	0.00
53 M	Dibromochloromethane	20.000	19.437	2.8	80	0.00
54 M	1,2-Dibromoethane	20.000	18.586	7.1	76	0.00
55 M	2-Chloroethyl vinyl ether	100.000	82.069	17.9	68	0.00
56 M	Bromoform	20.000	18.970	5.2	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	92.787	7.2	76	0.00
59 M	2-Hexanone	100.000	89.877	10.1	74	0.00
60 S	4-Bromofluorobenzene	30.000	29.615	1.3	81	0.00
61 M	Tetrachloroethene	20.000	18.602	7.0	75	0.00
62 M	Toluene	20.000	18.408	8.0	74	0.00
63 S	Toluene-d8	30.000	29.896	0.3	78	0.00
64 M	Chlorobenzene	20.000	18.807	6.0	78	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.167	4.2	78	0.00
66 M	Ethyl Benzene	20.000	18.061	9.7	75	0.00
67 M	m/p-Xylenes	40.000	35.815	10.5	73	0.00
68 M	o-Xylene	20.000	18.060	9.7	75	0.00
69 M	Styrene	20.000	18.004	10.0	77	0.00
70	Isopropylbenzene	20.000	18.584	7.1	77	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.781	1.1	79	0.00
72	1,2,3-Trichloropropane	20.000	19.704	1.5	78	0.00
73	Bromobenzene	20.000	18.403	8.0	78	0.00
74	n-propylbenzene	20.000	17.736	11.3	76	0.00
75	2-Chlorotoluene	20.000	18.243	8.8	76	0.00
76	1,3,5-Trimethylbenzene	20.000	18.460	7.7	76	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.225	18.9	75	0.00
78	4-Chlorotoluene	20.000	17.854	10.7	76	0.00
79	tert-butylbenzene	20.000	18.875	5.6	78	0.00
80	1,2,4-Trimethylbenzene	20.000	18.457	7.7	77	0.00
81	sec-Butylbenzene	20.000	18.293	8.5	78	0.00
82	p-Isopropyltoluene	20.000	18.026	9.9	78	0.00
83 M	1,3-Dichlorobenzene	20.000	18.233	8.8	79	0.00
84 M	1,4-Dichlorobenzene	20.000	17.802	11.0	77	0.00
85	n-Butylbenzene	20.000	16.489	17.6	76	0.00
86 T	Hexachloroethane	20.000	17.977	10.1	77	0.00
87 M	1,2-Dichlorobenzene	20.000	19.015	4.9	78	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.461	12.7	76	0.00
89	1,2,4-Trichlorobenzene	20.000	18.819	5.9	88	0.00
90	Hexachlorobutadiene	20.000	19.998	0.0	84	0.00
91 M	Naphthalene	20.000	20.663	-3.3	97	0.00
92	1,2,3-Trichlorobenzene	20.000	20.607	-3.0	95	0.00

(#) = Out of Range

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