

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040822\
 Data File : VN071924.D
 Acq On : 08 Apr 2022 19:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 09 05:21:54 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	71	0.00
2 M	Dichlorodifluoromethane	20.000	23.395	-17.0	81	0.00
3 M	Chloromethane	20.000	22.379	-11.9	80	0.00
4 M	Vinyl Chloride	20.000	20.501	-2.5	75	0.00
5 M	Bromomethane	20.000	21.937	-9.7	71	0.00
6 M	Chloroethane	20.000	20.065	-0.3	73	0.00
7 M	Trichlorofluoromethane	20.000	21.636	-8.2	78	0.00
8 T	Diethyl Ether	20.000	20.893	-4.5	76	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.521	-7.6	77	0.00
10 M	1,1-Dichloroethene	20.000	21.652	-8.3	79	0.00
11	Methyl Iodide	20.000	18.715	6.4	69	0.00
12	Methyl Acetate	20.000	20.209	-1.0	74	0.00
13 M	Acrolein	100.000	104.818	-4.8	80	0.00
14 M	Acrylonitrile	100.000	106.748	-6.7	79	0.00
15 M	Acetone	100.000	100.608	-0.6	70	0.00
16 M	Carbon Disulfide	20.000	21.406	-7.0	80	0.00
17	Allyl chloride	20.000	19.722	1.4	73	0.00
18 M	Methylene Chloride	20.000	21.285	-6.4	78	0.00
19 M	trans-1,2-Dichloroethene	20.000	21.681	-8.4	80	0.00
20 T	Diisopropyl ether	20.000	20.872	-4.4	75	0.00
21 M	1,1-Dichloroethane	20.000	20.749	-3.7	76	0.00
22 M	cis-1,2-Dichloroethene	20.000	21.460	-7.3	78	0.00
23 M	tert-Butyl Alcohol	100.000	88.811	11.2	68	0.01
24 M	Methyl tert-Butyl Ether	20.000	20.250	-1.3	74	0.00
25 M	Chloroform	20.000	21.112	-5.6	76	0.00
26	Cyclohexane	20.000	21.311	-6.6	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.731	4.2	68	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	73	0.00
29	1,1-Dichloropropene	20.000	20.566	-2.8	77	0.00
30 M	2-Butanone	100.000	96.369	3.6	72	0.00
31	2,2-Dichloropropane	20.000	18.063	9.7	68	0.00
32 M	1,1,1-Trichloroethane	20.000	20.112	-0.6	75	0.00
33 M	Carbon Tetrachloride	20.000	20.496	-2.5	76	0.00
34 M	Benzene	20.000	21.383	-6.9	79	0.00
35	Methacrylonitrile	20.000	19.981	0.1	71	0.00
36 M	1,2-Dichloroethane	20.000	19.364	3.2	72	0.00
37 M	Trichloroethene	20.000	21.060	-5.3	80	0.00
38	Methylcyclohexane	20.000	20.519	-2.6	77	0.00
39 M	1,2-Dichloropropane	20.000	20.403	-2.0	76	0.00
40	Dibromomethane	20.000	20.414	-2.1	76	0.00
41 M	Bromodichloromethane	20.000	20.435	-2.2	77	0.00
42 M	Vinyl Acetate	100.000	97.782	2.2	74	0.00
43	Ethyl Acetate	20.000	21.655	-8.3	80	0.00
44	Isopropyl Acetate	20.000	18.474	7.6	71	0.00
45 T	1,4-Dioxane	400.000	372.680	6.8	68	0.00
46	Methyl methacrylate	20.000	18.500	7.5	74	0.00
47	n-amyl Acetate	20.000	16.536	17.3	69	0.00
48 M	t-1,3-Dichloropropene	20.000	19.026	4.9	75	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.719	1.4	76	0.00
50 M	1,1,2-Trichloroethane	20.000	21.298	-6.5	79	0.00
51	Ethyl methacrylate	20.000	20.509	-2.5	81	0.00
52	1,3-Dichloropropane	20.000	20.933	-4.7	77	0.00
53 M	Dibromochloromethane	20.000	20.655	-3.3	79	0.00
54 M	1,2-Dibromoethane	20.000	21.085	-5.4	80	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.368	21.6	60	0.00
56 M	Bromoform	20.000	20.453	-2.3	80	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.393	1.6	76	0.00
59 M	2-Hexanone	100.000	95.109	4.9	74	0.00
60 S	4-Bromofluorobenzene	30.000	28.488	5.0	73	0.00
61 M	Tetrachloroethene	20.000	21.797	-9.0	82	0.00
62 M	Toluene	20.000	21.078	-5.4	80	0.00
63 S	Toluene-d8	30.000	29.841	0.5	74	0.00
64 M	Chlorobenzene	20.000	20.536	-2.7	80	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.211	-1.1	77	0.00
66 M	Ethyl Benzene	20.000	20.158	-0.8	79	0.00
67 M	m/p-Xylenes	40.000	40.480	-1.2	78	0.00
68 M	o-Xylene	20.000	20.073	-0.4	78	0.00
69 M	Styrene	20.000	19.309	3.5	78	0.00
70	Isopropylbenzene	20.000	19.978	0.1	78	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.534	-2.7	77	0.00
72	1,2,3-Trichloropropane	20.000	20.323	-1.6	76	0.00
73	Bromobenzene	20.000	19.558	2.2	78	0.00
74	n-propylbenzene	20.000	19.118	4.4	77	0.00
75	2-Chlorotoluene	20.000	19.573	2.1	77	0.00
76	1,3,5-Trimethylbenzene	20.000	20.518	-2.6	79	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.369	18.2	71	0.00
78	4-Chlorotoluene	20.000	18.808	6.0	76	0.00
79	tert-butylbenzene	20.000	20.054	-0.3	78	0.00
80	1,2,4-Trimethylbenzene	20.000	20.048	-0.2	79	0.00
81	sec-Butylbenzene	20.000	19.244	3.8	77	0.00
82	p-Isopropyltoluene	20.000	18.753	6.2	76	0.00
83 M	1,3-Dichlorobenzene	20.000	18.624	6.9	76	0.00
84 M	1,4-Dichlorobenzene	20.000	18.678	6.6	76	0.00
85	n-Butylbenzene	20.000	16.517	17.4	72	0.00
86 T	Hexachloroethane	20.000	18.078	9.6	73	0.00
87 M	1,2-Dichlorobenzene	20.000	19.399	3.0	75	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.982	10.1	74	0.00
89	1,2,4-Trichlorobenzene	20.000	17.406	13.0	76	0.00
90	Hexachlorobutadiene	20.000	19.726	1.4	78	0.00
91 M	Naphthalene	20.000	18.721	6.4	78	0.00
92	1,2,3-Trichlorobenzene	20.000	18.284	8.6	80	0.00

(#) = Out of Range

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