

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100821\
 Data File : VN068856.D
 Acq On : 8 Oct 2021 18:35
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 11 04:55:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 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	76	0.00
2 M	Dichlorodifluoromethane	20.000	15.866	20.7	56	0.00
3 M	Chloromethane	20.000	18.067	9.7	64	0.00
4 M	Vinyl Chloride	20.000	18.670	6.6	68	0.00
5 M	Bromomethane	20.000	17.933	10.3	69	0.00
6 M	Chloroethane	20.000	19.952	0.2	71	0.00
7 M	Trichlorofluoromethane	20.000	19.442	2.8	68	0.00
8 T	Diethyl Ether	20.000	18.658	6.7	68	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.951	5.2	68	0.00
10 M	1,1-Dichloroethene	20.000	17.899	10.5	65	0.00
11	Methyl Iodide	20.000	20.699	-3.5	78	0.00
12	Methyl Acetate	20.000	19.825	0.9	71	0.00
13 M	Acrolein	100.000	78.906	21.1	58	0.00
14 M	Acrylonitrile	100.000	96.306	3.7	72	0.00
15 M	Acetone	100.000	89.716	10.3	60	0.00
16 M	Carbon Disulfide	20.000	16.196	19.0	58	0.00
17	Allyl chloride	20.000	17.931	10.3	64	0.00
18 M	Methylene Chloride	20.000	20.132	-0.7	73	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.520	12.4	64	0.00
20 T	Diisopropyl ether	20.000	18.641	6.8	69	0.00
21 M	1,1-Dichloroethane	20.000	19.291	3.5	71	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.059	9.7	69	0.00
23 M	tert-Butyl Alcohol	100.000	95.828	4.2	70	0.00
24 M	Methyl tert-Butyl Ether	20.000	18.882	5.6	70	0.00
25 M	Chloroform	20.000	19.579	2.1	73	0.00
26	Cyclohexane	20.000	16.622	16.9	62	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.366	-4.6	75	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	70	0.00
29	1,1-Dichloropropene	20.000	18.315	8.4	67	0.00
30 M	2-Butanone	100.000	95.551	4.4	67	0.00
31	2,2-Dichloropropane	20.000	18.863	5.7	68	0.00
32 M	1,1,1-Trichloroethane	20.000	19.400	3.0	70	0.00
33 M	Carbon Tetrachloride	20.000	18.867	5.7	69	0.00
34 M	Benzene	20.000	19.107	4.5	69	0.00
35	Methacrylonitrile	20.000	17.917	10.4	62	0.00
36 M	1,2-Dichloroethane	20.000	20.344	-1.7	73	0.00
37 M	Trichloroethene	20.000	18.754	6.2	67	0.00
38	Methylcyclohexane	20.000	16.709	16.5	61	0.00
39 M	1,2-Dichloropropane	20.000	19.722	1.4	70	0.00
40	Dibromomethane	20.000	19.074	4.6	70	0.00
41 M	Bromodichloromethane	20.000	19.302	3.5	71	0.00
42 M	Vinyl Acetate	100.000	94.193	5.8	69	0.00
43	Ethyl Acetate	20.000	19.305	3.5	74	0.00
44	Isopropyl Acetate	20.000	19.221	3.9	70	0.00
45 T	1,4-Dioxane	400.000	419.616	-4.9	74	0.00
46	Methyl methacrylate	20.000	17.358	13.2	66	0.00
47	n-amyl Acetate	20.000	16.370	18.1	62	0.00
48 M	t-1,3-Dichloropropene	20.000	17.132	14.3	64	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.242	8.8	67	0.00
50 M	1,1,2-Trichloroethane	20.000	19.041	4.8	69	0.00
51	Ethyl methacrylate	20.000	16.814	15.9	64	0.00
52	1,3-Dichloropropane	20.000	18.653	6.7	68	0.00
53 M	Dibromochloromethane	20.000	18.284	8.6	70	0.00
54 M	1,2-Dibromoethane	20.000	17.909	10.5	65	0.00
55 M	2-Chloroethyl vinyl ether	100.000	78.959	21.0	62	0.00
56 M	Bromoform	20.000	16.396	18.0	65	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	68	0.00
58 M	4-Methyl-2-Pentanone	100.000	98.591	1.4	69	0.00
59 M	2-Hexanone	100.000	94.186	5.8	64	0.00
60 S	4-Bromofluorobenzene	30.000	28.072	6.4	68	0.00
61 M	Tetrachloroethene	20.000	19.558	2.2	68	0.00
62 M	Toluene	20.000	19.013	4.9	66	0.00
63 S	Toluene-d8	30.000	31.649	-5.5	71	0.00
64 M	Chlorobenzene	20.000	18.421	7.9	66	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.997	5.0	67	0.00
66 M	Ethyl Benzene	20.000	17.939	10.3	64	0.00
67 M	m/p-Xylenes	40.000	35.164	12.1	63	0.00
68 M	o-Xylene	20.000	17.559	12.2	64	0.00
69 M	Styrene	20.000	17.029	14.9	63	0.00
70	Isopropylbenzene	20.000	17.521	12.4	64	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.170	-0.9	71	0.00
72	1,2,3-Trichloropropane	20.000	19.861	0.7	68	0.00
73	Bromobenzene	20.000	17.438	12.8	65	0.00
74	n-propylbenzene	20.000	17.366	13.2	63	0.00
75	2-Chlorotoluene	20.000	17.692	11.5	64	0.00
76	1,3,5-Trimethylbenzene	20.000	17.623	11.9	63	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.123	19.4	61	0.00
78	4-Chlorotoluene	20.000	17.034	14.8	62	0.00
79	tert-butylbenzene	20.000	17.319	13.4	64	0.00
80	1,2,4-Trimethylbenzene	20.000	17.362	13.2	63	0.00
81	sec-Butylbenzene	20.000	17.183	14.1	64	0.00
82	p-Isopropyltoluene	20.000	16.399	18.0	62	0.00
83 M	1,3-Dichlorobenzene	20.000	16.640	16.8	63	0.00
84 M	1,4-Dichlorobenzene	20.000	17.000	15.0	63	0.00
85	n-Butylbenzene	20.000	15.740	21.3	59	0.00
86 T	Hexachloroethane	20.000	17.922	10.4	67	0.00
87 M	1,2-Dichlorobenzene	20.000	18.364	8.2	68	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.738	6.3	64	0.00
89	1,2,4-Trichlorobenzene	20.000	15.022	24.9	55	0.00
90	Hexachlorobutadiene	20.000	17.871	10.6	63	0.00
91 M	Naphthalene	20.000	13.338	33.3#	44	0.00
92	1,2,3-Trichlorobenzene	20.000	15.659	21.7	54	0.00

(#) = Out of Range

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