

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021021\
 Data File : VN065806.D
 Acq On : 10 Feb 2021 19:40
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 11 01:35:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 03 14:50:04 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	85	0.00
2 M	Dichlorodifluoromethane	20.000	18.679	6.6	91	0.00
3 M	Chloromethane	20.000	16.778	16.1	81	0.00
4 M	Vinyl Chloride	20.000	17.916	10.4	86	0.00
5 M	Bromomethane	20.000	17.155	14.2	82	0.00
6 M	Chloroethane	20.000	17.240	13.8	84	0.00
7 M	Trichlorofluoromethane	20.000	18.808	6.0	91	0.00
8 T	Diethyl Ether	20.000	17.549	12.3	85	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	18.693	6.5	89	0.00
10 M	1,1-Dichloroethene	20.000	18.611	6.9	90	0.00
11	Methyl Iodide	20.000	14.228	28.9	69	0.00
12	Methyl Acetate	20.000	15.048	24.8	72	0.00
13 M	Acrolein	100.000	72.419	27.6	63	0.00
14 M	Acrylonitrile	100.000	78.428	21.6	75	0.00
15 M	Acetone	100.000	67.854	32.1#	56	0.00
16 M	Carbon Disulfide	20.000	16.592	17.0	81	0.00
17	Allyl chloride	20.000	14.437	27.8	71	0.00
18 M	Methylene Chloride	20.000	17.538	12.3	85	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.382	13.1	86	0.00
20 T	Diisopropyl ether	20.000	15.906	20.5	76	0.00
21 M	1,1-Dichloroethane	20.000	16.785	16.1	81	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.820	10.9	86	0.00
23 M	tert-Butyl Alcohol	100.000	67.288	32.7#	62	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.744	16.3	81	0.00
25 M	Chloroform	20.000	17.202	14.0	83	0.00
26	Cyclohexane	20.000	16.456	17.7	80	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.644	7.9	78	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	81	0.00
29	1,1-Dichloropropene	20.000	17.334	13.3	82	0.00
30 M	2-Butanone	100.000	71.373	28.6	64	0.00
31	2,2-Dichloropropane	20.000	15.934	20.3	74	0.00
32 M	1,1,1-Trichloroethane	20.000	18.364	8.2	86	0.00
33 M	Carbon Tetrachloride	20.000	17.731	11.3	83	0.00
34 M	Benzene	20.000	18.209	9.0	85	0.00
35	Methacrylonitrile	20.000	13.792	31.0#	70	0.00
36 M	1,2-Dichloroethane	20.000	17.889	10.6	82	0.00
37 M	Trichloroethene	20.000	19.829	0.9	93	0.00
38	Methylcyclohexane	20.000	17.289	13.6	82	0.00
39 M	1,2-Dichloropropane	20.000	17.463	12.7	81	0.00
40	Dibromomethane	20.000	18.063	9.7	83	0.00
41 M	Bromodichloromethane	20.000	17.262	13.7	81	0.00
42 M	Vinyl Acetate	100.000	77.158	22.8	72	0.00
43	Ethyl Acetate	20.000	14.070	29.6	65	0.00
44	Isopropyl Acetate	20.000	15.113	24.4	70	0.00
45 T	1,4-Dioxane	400.000	315.442	21.1	69	0.00
46	Methyl methacrylate	20.000	15.432	22.8	73	0.00
47	n-amyl Acetate	20.000	14.954	25.2	74	0.00
48 M	t-1,3-Dichloropropene	20.000	16.082	19.6	77	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.760	16.2	80	0.00
50 M	1,1,2-Trichloroethane	20.000	18.661	6.7	88	0.00
51	Ethyl methacrylate	20.000	16.737	16.3	79	0.00
52	1,3-Dichloropropane	20.000	18.088	9.6	84	0.00
53 M	Dibromochloromethane	20.000	17.406	13.0	84	0.00
54 M	1,2-Dibromoethane	20.000	18.738	6.3	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	83.253	16.7	70	0.00
56 M	Bromoform	20.000	16.895	15.5	83	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	100.000	78.326	21.7	73	0.00
59 M	2-Hexanone	100.000	74.670	25.3	70	0.00
60 S	4-Bromofluorobenzene	30.000	29.648	1.2	83	0.00
61 M	Tetrachloroethene	20.000	19.620	1.9	92	0.00
62 M	Toluene	20.000	18.346	8.3	88	0.00
63 S	Toluene-d8	30.000	29.976	0.1	83	0.00
64 M	Chlorobenzene	20.000	18.765	6.2	91	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.636	6.8	90	0.00
66 M	Ethyl Benzene	20.000	18.127	9.4	88	0.00
67 M	m/p-Xylenes	40.000	37.111	7.2	89	0.00
68 M	o-Xylene	20.000	18.706	6.5	90	0.00
69 M	Styrene	20.000	18.405	8.0	91	0.00
70	Isopropylbenzene	20.000	18.465	7.7	89	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	18.262	8.7	86	0.00
72	1,2,3-Trichloropropane	20.000	17.303	13.5	77	0.00
73	Bromobenzene	20.000	19.484	2.6	96	0.00
74	n-propylbenzene	20.000	18.108	9.5	89	0.00
75	2-Chlorotoluene	20.000	18.093	9.5	87	0.00
76	1,3,5-Trimethylbenzene	20.000	18.699	6.5	91	0.00
77	t-1,4-Dichloro-2-butene	20.000	11.974	40.1#	60	0.00
78	4-Chlorotoluene	20.000	18.217	8.9	90	0.00
79	tert-butylbenzene	20.000	19.276	3.6	93	0.00
80	1,2,4-Trimethylbenzene	20.000	18.698	6.5	91	0.00
81	sec-Butylbenzene	20.000	18.611	6.9	90	0.00
82	p-Isopropyltoluene	20.000	18.700	6.5	92	0.00
83 M	1,3-Dichlorobenzene	20.000	19.452	2.7	97	0.00
84 M	1,4-Dichlorobenzene	20.000	18.737	6.3	95	0.00
85	n-Butylbenzene	20.000	17.332	13.3	87	0.00
86 T	Hexachloroethane	20.000	15.606	22.0	78	0.00
87 M	1,2-Dichlorobenzene	20.000	19.433	2.8	95	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	14.375	28.1	68	0.00
89	1,2,4-Trichlorobenzene	20.000	17.398	13.0	94	0.00
90	Hexachlorobutadiene	20.000	20.283	-1.4	97	0.00
91 M	Naphthalene	20.000	16.760	16.2	92	0.00
92	1,2,3-Trichlorobenzene	20.000	19.199	4.0	100	0.00

(#) = Out of Range

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