

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071570.D
 Acq On : 26 Mar 2022 13:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 28 01:44:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Mar 28 01:40:30 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	95	0.00
2 M	Dichlorodifluoromethane	20.000	16.978	15.1	78	0.00
3 M	Chloromethane	20.000	16.743	16.3	80	0.00
4 M	Vinyl Chloride	20.000	16.906	15.5	82	0.00
5 M	Bromomethane	20.000	18.872	5.6	81	0.00
6 M	Chloroethane	20.000	17.121	14.4	83	0.00
7 M	Trichlorofluoromethane	20.000	17.171	14.1	82	-0.01
8 T	Diethyl Ether	20.000	16.807	16.0	81	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.502	12.5	82	0.00
10 M	1,1-Dichloroethene	20.000	16.682	16.6	80	0.00
11	Methyl Iodide	20.000	17.048	14.8	83	0.00
12	Methyl Acetate	20.000	17.737	11.3	86	0.00
13 M	Acrolein	100.000	85.376	14.6	86	0.00
14 M	Acrylonitrile	100.000	86.057	13.9	84	0.00
15 M	Acetone	100.000	82.400	17.6	76	0.00
16 M	Carbon Disulfide	20.000	15.269	23.7	75	0.00
17	Allyl chloride	20.000	16.413	17.9	81	0.00
18 M	Methylene Chloride	20.000	17.327	13.4	84	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.747	16.3	82	0.00
20 T	Diisopropyl ether	20.000	17.102	14.5	81	0.00
21 M	1,1-Dichloroethane	20.000	16.944	15.3	82	0.00
22 M	cis-1,2-Dichloroethene	20.000	16.742	16.3	81	0.00
23 M	tert-Butyl Alcohol	100.000	87.866	12.1	89	0.00
24 M	Methyl tert-Butyl Ether	20.000	16.999	15.0	82	0.00
25 M	Chloroform	20.000	17.329	13.4	83	0.00
26	Cyclohexane	20.000	16.112	19.4	78	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.449	-1.5	95	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	96	0.00
29	1,1-Dichloropropene	20.000	16.362	18.2	81	0.00
30 M	2-Butanone	100.000	81.966	18.0	80	0.00
31	2,2-Dichloropropane	20.000	16.034	19.8	79	0.00
32 M	1,1,1-Trichloroethane	20.000	16.837	15.8	83	0.00
33 M	Carbon Tetrachloride	20.000	16.087	19.6	79	0.00
34 M	Benzene	20.000	16.671	16.6	81	0.00
35	Methacrylonitrile	20.000	17.530	12.3	82	0.00
36 M	1,2-Dichloroethane	20.000	16.964	15.2	83	0.00
37 M	Trichloroethene	20.000	16.646	16.8	83	0.00
38	Methylcyclohexane	20.000	15.450	22.8	77	0.00
39 M	1,2-Dichloropropane	20.000	16.494	17.5	81	0.00
40	Dibromomethane	20.000	17.032	14.8	84	0.00
41 M	Bromodichloromethane	20.000	16.879	15.6	84	0.00
42 M	Vinyl Acetate	100.000	81.919	18.1	82	0.00
43	Ethyl Acetate	20.000	17.395	13.0	84	0.00
44	Isopropyl Acetate	20.000	17.141	14.3	87	0.00
45 T	1,4-Dioxane	400.000	356.432	10.9	86	0.00
46	Methyl methacrylate	20.000	17.155	14.2	90	0.00
47	n-amyl Acetate	20.000	15.194	24.0	83	0.00
48 M	t-1,3-Dichloropropene	20.000	15.887	20.6	83	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	16.096	19.5	81	0.00
50 M	1,1,2-Trichloroethane	20.000	17.220	13.9	85	0.00
51	Ethyl methacrylate	20.000	15.886	20.6	83	0.00
52	1,3-Dichloropropane	20.000	16.585	17.1	81	0.00
53 M	Dibromochloromethane	20.000	16.464	17.7	83	0.00
54 M	1,2-Dibromoethane	20.000	16.706	16.5	84	0.00
55 M	2-Chloroethyl vinyl ether	100.000	81.115	18.9	82	0.00
56 M	Bromoform	20.000	16.116	19.4	84	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	100.000	87.837	12.2	86	0.00
59 M	2-Hexanone	100.000	86.133	13.9	84	0.00
60 S	4-Bromofluorobenzene	30.000	29.798	0.7	96	0.00
61 M	Tetrachloroethene	20.000	17.273	13.6	82	0.00
62 M	Toluene	20.000	17.182	14.1	82	0.00
63 S	Toluene-d8	30.000	30.753	-2.5	96	0.00
64 M	Chlorobenzene	20.000	17.031	14.8	84	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.640	11.8	85	0.00
66 M	Ethyl Benzene	20.000	16.710	16.4	83	0.00
67 M	m/p-Xylenes	40.000	32.979	17.6	80	0.00
68 M	o-Xylene	20.000	16.735	16.3	82	0.00
69 M	Styrene	20.000	16.372	18.1	83	0.00
70	Isopropylbenzene	20.000	16.764	16.2	82	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	17.763	11.2	84	0.00
72	1,2,3-Trichloropropane	20.000	18.329	8.4	86	0.00
73	Bromobenzene	20.000	16.617	16.9	84	0.00
74	n-propylbenzene	20.000	16.087	19.6	81	0.00
75	2-Chlorotoluene	20.000	16.819	15.9	83	0.00
76	1,3,5-Trimethylbenzene	20.000	16.755	16.2	82	0.00
77	t-1,4-Dichloro-2-butene	20.000	15.124	24.4	83	0.00
78	4-Chlorotoluene	20.000	16.392	18.0	83	0.00
79	tert-butylbenzene	20.000	16.794	16.0	83	0.00
80	1,2,4-Trimethylbenzene	20.000	16.720	16.4	83	0.00
81	sec-Butylbenzene	20.000	16.378	18.1	82	0.00
82	p-Isopropyltoluene	20.000	16.044	19.8	82	0.00
83 M	1,3-Dichlorobenzene	20.000	16.377	18.1	84	0.00
84 M	1,4-Dichlorobenzene	20.000	16.419	17.9	85	0.00
85	n-Butylbenzene	20.000	15.037	24.8	83	0.00
86 T	Hexachloroethane	20.000	16.305	18.5	83	0.00
87 M	1,2-Dichlorobenzene	20.000	16.708	16.5	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	16.976	15.1	88	0.00
89	1,2,4-Trichlorobenzene	20.000	15.897	20.5	88	0.00
90	Hexachlorobutadiene	20.000	17.863	10.7	89	0.00
91 M	Naphthalene	20.000	14.894	25.5	90	0.00
92	1,2,3-Trichlorobenzene	20.000	16.015	19.9	88	0.00

(#) = Out of Range

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