

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052622\
 Data File : VN072645.D
 Acq On : 26 May 2022 22:18
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: May 27 05:36:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N052622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 27 05:07:24 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	103	0.00
2 M	Dichlorodifluoromethane	20.000	18.746	6.3	87	0.00
3 M	Chloromethane	20.000	17.047	14.8	90	0.00
4 M	Vinyl Chloride	20.000	17.346	13.3	89	0.00
5 M	Bromomethane	20.000	12.446	37.8#	69	0.02
6 M	Chloroethane	20.000	16.594	17.0	81	0.01
7 M	Trichlorofluoromethane	20.000	19.367	3.2	88	0.00
8 T	Diethyl Ether	20.000	19.818	0.9	87	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.214	-1.1	89	0.00
10 M	1,1-Dichloroethene	20.000	20.708	-3.5	91	0.00
11	Methyl Iodide	20.000	12.260	38.7#	56	0.00
12	Methyl Acetate	20.000	19.217	3.9	91	0.00
13 M	Acrolein	100.000	88.101	11.9	90	0.00
14 M	Acrylonitrile	100.000	96.889	3.1	89	0.00
15 M	Acetone	100.000	95.989	4.0	86	0.00
16 M	Carbon Disulfide	20.000	19.564	2.2	90	0.00
17	Allyl chloride	20.000	19.243	3.8	88	0.00
18 M	Methylene Chloride	20.000	19.836	0.8	86	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.731	1.3	85	0.00
20 T	Diisopropyl ether	20.000	17.938	10.3	87	0.00
21 M	1,1-Dichloroethane	20.000	18.794	6.0	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.054	4.7	87	0.00
23 M	tert-Butyl Alcohol	100.000	84.838	15.2	84	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.724	1.4	90	0.00
25 M	Chloroform	20.000	18.708	6.5	92	0.00
26	Cyclohexane	20.000	17.339	13.3	88	0.00
27 s	1,2-Dichloroethane-d4	30.000	28.585	4.7	101	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	103	0.00
29	1,1-Dichloropropene	20.000	18.034	9.8	85	0.00
30 M	2-Butanone	100.000	95.917	4.1	87	0.00
31	2,2-Dichloropropane	20.000	17.729	11.4	80	0.00
32 M	1,1,1-Trichloroethane	20.000	19.054	4.7	88	0.00
33 M	Carbon Tetrachloride	20.000	18.367	8.2	87	0.00
34 M	Benzene	20.000	19.075	4.6	89	0.00
35	Methacrylonitrile	20.000	19.553	2.2	100	0.00
36 M	1,2-Dichloroethane	20.000	19.318	3.4	91	0.00
37 M	Trichloroethene	20.000	18.405	8.0	88	0.00
38	Methylcyclohexane	20.000	17.664	11.7	86	0.00
39 M	1,2-Dichloropropane	20.000	18.284	8.6	86	0.00
40	Dibromomethane	20.000	18.594	7.0	88	0.00
41 M	Bromodichloromethane	20.000	18.482	7.6	88	0.00
42 M	Vinyl Acetate	100.000	96.576	3.4	89	0.00
43	Ethyl Acetate	20.000	20.099	-0.5	96	0.00
44	Isopropyl Acetate	20.000	18.660	6.7	89	0.00
45 T	1,4-Dioxane	400.000	364.573	8.9	86	0.00
46	Methyl methacrylate	20.000	17.214	13.9	87	0.00
47	n-amyl Acetate	20.000	17.571	12.1	87	0.00
48 M	t-1,3-Dichloropropene	20.000	17.467	12.7	86	0.00

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 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.299	8.5	87	0.00
50 M	1,1,2-Trichloroethane	20.000	19.522	2.4	91	0.00
51	Ethyl methacrylate	20.000	17.917	10.4	86	0.00
52	1,3-Dichloropropane	20.000	18.954	5.2	89	0.00
53 M	Dibromochloromethane	20.000	18.405	8.0	87	0.00
54 M	1,2-Dibromoethane	20.000	18.680	6.6	87	0.00
55 M	2-Chloroethyl vinyl ether	100.000	104.716	-4.7	110	0.00
56 M	Bromoform	20.000	17.572	12.1	82	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	98	0.00
58 M	4-Methyl-2-Pentanone	100.000	95.178	4.8	89	0.00
59 M	2-Hexanone	100.000	94.984	5.0	89	0.00
60 S	4-Bromofluorobenzene	30.000	30.318	-1.1	99	0.00
61 M	Tetrachloroethene	20.000	19.675	1.6	88	0.00
62 M	Toluene	20.000	19.431	2.8	87	0.00
63 S	Toluene-d8	30.000	31.226	-4.1	101	0.00
64 M	Chlorobenzene	20.000	19.036	4.8	87	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.744	6.3	86	0.00
66 M	Ethyl Benzene	20.000	17.801	11.0	84	0.00
67 M	m/p-Xylenes	40.000	37.283	6.8	85	0.00
68 M	o-Xylene	20.000	18.799	6.0	86	0.00
69 M	Styrene	20.000	18.373	8.1	86	0.00
70	Isopropylbenzene	20.000	18.292	8.5	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.056	4.7	86	0.00
72	1,2,3-Trichloropropane	20.000	20.487	-2.4	90	0.00
73	Bromobenzene	20.000	19.372	3.1	88	0.00
74	n-propylbenzene	20.000	18.245	8.8	86	0.00
75	2-Chlorotoluene	20.000	18.632	6.8	87	0.00
76	1,3,5-Trimethylbenzene	20.000	18.463	7.7	86	0.00
77	t-1,4-Dichloro-2-butene	20.000	17.343	13.3	84	0.00
78	4-Chlorotoluene	20.000	18.801	6.0	88	0.00
79	tert-butylbenzene	20.000	19.068	4.7	86	0.00
80	1,2,4-Trimethylbenzene	20.000	23.537	-17.7	108	0.14
81	sec-Butylbenzene	20.000	17.943	10.3	86	0.00
82	p-Isopropyltoluene	20.000	17.629	11.9	85	0.00
83 M	1,3-Dichlorobenzene	20.000	17.905	10.5	87	0.00
84 M	1,4-Dichlorobenzene	20.000	18.036	9.8	87	0.00
85	n-Butylbenzene	20.000	16.984	15.1	87	0.00
86 T	Hexachloroethane	20.000	18.429	7.9	89	0.00
87 M	1,2-Dichlorobenzene	20.000	18.676	6.6	86	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.122	9.4	89	0.00
89	1,2,4-Trichlorobenzene	20.000	17.320	13.4	85	0.00
90	Hexachlorobutadiene	20.000	18.022	9.9	82	0.00
91 M	Naphthalene	20.000	18.462	7.7	96	0.00
92	1,2,3-Trichlorobenzene	20.000	18.888	5.6	92	0.00

(#) = Out of Range

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