

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072780.D
 Acq On : 11 Jun 2022 10:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jun 13 01:17:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	30.000	30.000	0.0	75	0.00
2 M	Dichlorodifluoromethane	20.000	19.299	3.5	73	0.00
3 M	Chloromethane	20.000	19.412	2.9	74	0.00
4 M	Vinyl Chloride	20.000	21.858	-9.3	82	0.00
5 M	Bromomethane	20.000	19.962	0.2	77	0.00
6 M	Chloroethane	20.000	25.966	-29.8#	91	0.00
7 M	Trichlorofluoromethane	20.000	20.248	-1.2	76	0.00
8 T	Diethyl Ether	20.000	20.859	-4.3	78	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	21.300	-6.5	80	0.00
10 M	1,1-Dichloroethene	20.000	19.281	3.6	74	0.00
11	Methyl Iodide	20.000	15.780	21.1	57	0.00
12	Methyl Acetate	20.000	21.301	-6.5	82	0.00
13 M	Acrolein	100.000	108.453	-8.5	87	0.00
14 M	Acrylonitrile	100.000	105.022	-5.0	78	0.00
15 M	Acetone	100.000	103.126	-3.1	77	0.00
16 M	Carbon Disulfide	20.000	15.988	20.1	64	0.00
17	Allyl chloride	20.000	20.318	-1.6	76	0.00
18 M	Methylene Chloride	20.000	20.083	-0.4	75	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.661	1.7	73	0.00
20 T	Diisopropyl ether	20.000	22.787	-13.9	83	0.00
21 M	1,1-Dichloroethane	20.000	20.921	-4.6	79	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.807	-4.0	77	0.00
23 M	tert-Butyl Alcohol	100.000	93.689	6.3	68	0.00
24 M	Methyl tert-Butyl Ether	20.000	20.792	-4.0	77	0.00
25 M	Chloroform	20.000	21.711	-8.6	81	0.00
26	Cyclohexane	20.000	19.899	0.5	75	0.00
27 s	1,2-Dichloroethane-d4	30.000	32.562	-8.5	79	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	77	0.00
29	1,1-Dichloropropene	20.000	19.544	2.3	79	0.00
30 M	2-Butanone	100.000	101.283	-1.3	80	0.00
31	2,2-Dichloropropane	20.000	17.679	11.6	70	0.00
32 M	1,1,1-Trichloroethane	20.000	19.198	4.0	76	0.00
33 M	Carbon Tetrachloride	20.000	18.211	8.9	72	0.00
34 M	Benzene	20.000	19.866	0.7	79	0.00
35	Methacrylonitrile	20.000	18.918	5.4	78	0.00
36 M	1,2-Dichloroethane	20.000	20.362	-1.8	79	0.00
37 M	Trichloroethene	20.000	19.323	3.4	78	0.00
38	Methylcyclohexane	20.000	18.981	5.1	77	0.00
39 M	1,2-Dichloropropane	20.000	20.011	-0.1	79	0.00
40	Dibromomethane	20.000	20.205	-1.0	80	0.00
41 M	Bromodichloromethane	20.000	19.704	1.5	77	0.00
42 M	Vinyl Acetate	100.000	100.908	-0.9	79	0.00
43	Ethyl Acetate	20.000	19.836	0.8	76	0.00
44	Isopropyl Acetate	20.000	20.248	-1.2	80	0.00
45 T	1,4-Dioxane	400.000	377.758	5.6	72	0.00
46	Methyl methacrylate	20.000	21.363	-6.8	86	0.00
47	n-amyl Acetate	20.000	18.732	6.3	80	0.00
48 M	t-1,3-Dichloropropene	20.000	18.671	6.6	76	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.463	2.7	79	0.00
50 M	1,1,2-Trichloroethane	20.000	20.801	-4.0	81	0.00
51	Ethyl methacrylate	20.000	19.823	0.9	79	0.00
52	1,3-Dichloropropane	20.000	20.927	-4.6	81	0.00
53 M	Dibromochloromethane	20.000	19.555	2.2	78	0.00
54 M	1,2-Dibromoethane	20.000	19.860	0.7	79	0.00
55 M	2-Chloroethyl vinyl ether	100.000	96.150	3.8	83	0.00
56 M	Bromoform	20.000	17.328	13.4	72	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	76	0.00
58 M	4-Methyl-2-Pentanone	100.000	109.236	-9.2	83	0.00
59 M	2-Hexanone	100.000	104.498	-4.5	81	0.00
60 S	4-Bromofluorobenzene	30.000	28.387	5.4	75	0.00
61 M	Tetrachloroethene	20.000	21.639	-8.2	82	0.00
62 M	Toluene	20.000	20.855	-4.3	81	0.00
63 S	Toluene-d8	30.000	30.746	-2.5	76	0.00
64 M	Chlorobenzene	20.000	20.630	-3.1	81	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.319	-1.6	76	0.00
66 M	Ethyl Benzene	20.000	20.533	-2.7	80	0.00
67 M	m/p-Xylenes	40.000	40.454	-1.1	80	0.00
68 M	o-Xylene	20.000	20.548	-2.7	79	0.00
69 M	Styrene	20.000	19.543	2.3	80	0.00
70	Isopropylbenzene	20.000	20.488	-2.4	81	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	20.521	-2.6	79	0.00
72	1,2,3-Trichloropropane	20.000	19.411	2.9	68	0.00
73	Bromobenzene	20.000	19.067	4.7	76	0.00
74	n-propylbenzene	20.000	20.074	-0.4	81	0.00
75	2-Chlorotoluene	20.000	19.888	0.6	80	0.00
76	1,3,5-Trimethylbenzene	20.000	20.424	-2.1	81	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.313	18.4	67	0.00
78	4-Chlorotoluene	20.000	19.264	3.7	79	0.00
79	tert-butylbenzene	20.000	19.980	0.1	79	0.00
80	1,2,4-Trimethylbenzene	20.000	20.323	-1.6	83	0.00
81	sec-Butylbenzene	20.000	20.323	-1.6	83	0.00
82	p-Isopropyltoluene	20.000	19.959	0.2	84	0.00
83 M	1,3-Dichlorobenzene	20.000	19.177	4.1	81	0.00
84 M	1,4-Dichlorobenzene	20.000	19.073	4.6	79	0.00
85	n-Butylbenzene	20.000	19.708	1.5	85	0.00
86 T	Hexachloroethane	20.000	18.590	7.1	74	0.00
87 M	1,2-Dichlorobenzene	20.000	19.801	1.0	82	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	18.042	9.8	72	0.00
89	1,2,4-Trichlorobenzene	20.000	18.089	9.6	78	0.00
90	Hexachlorobutadiene	20.000	19.292	3.5	77	0.00
91 M	Naphthalene	20.000	16.642	16.8	72	0.00
92	1,2,3-Trichlorobenzene	20.000	17.795	11.0	77	0.00

(#) = Out of Range

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