

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100821\
 Data File : VN068848.D
 Acq On : 8 Oct 2021 14:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 11 04:51:47 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	82	0.00
2 M	Dichlorodifluoromethane	20.000	16.118	19.4	61	0.00
3 M	Chloromethane	20.000	17.657	11.7	67	0.00
4 M	Vinyl Chloride	20.000	17.776	11.1	69	0.00
5 M	Bromomethane	20.000	18.528	7.4	76	0.00
6 M	Chloroethane	20.000	20.409	-2.0	78	0.00
7 M	Trichlorofluoromethane	20.000	19.745	1.3	74	0.00
8 T	Diethyl Ether	20.000	18.394	8.0	72	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	19.237	3.8	74	0.00
10 M	1,1-Dichloroethene	20.000	17.933	10.3	69	0.00
11	Methyl Iodide	20.000	19.787	1.1	80	0.00
12	Methyl Acetate	20.000	18.153	9.2	70	0.00
13 M	Acrolein	100.000	58.342	41.7#	46	0.00
14 M	Acrylonitrile	100.000	91.696	8.3	73	0.00
15 M	Acetone	100.000	87.247	12.8	62	0.00
16 M	Carbon Disulfide	20.000	16.701	16.5	64	0.00
17	Allyl chloride	20.000	17.772	11.1	68	0.00
18 M	Methylene Chloride	20.000	18.890	5.5	74	0.00
19 M	trans-1,2-Dichloroethene	20.000	17.983	10.1	70	0.00
20 T	Diisopropyl ether	20.000	18.525	7.4	73	0.00
21 M	1,1-Dichloroethane	20.000	19.034	4.8	75	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.040	9.8	73	0.00
23 M	tert-Butyl Alcohol	100.000	89.673	10.3	70	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.824	10.9	71	0.00
25 M	Chloroform	20.000	19.148	4.3	76	0.00
26	Cyclohexane	20.000	17.113	14.4	68	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.178	-3.9	80	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	75	0.00
29	1,1-Dichloropropene	20.000	18.478	7.6	73	0.00
30 M	2-Butanone	100.000	91.212	8.8	69	0.00
31	2,2-Dichloropropane	20.000	18.458	7.7	71	0.00
32 M	1,1,1-Trichloroethane	20.000	19.014	4.9	73	0.00
33 M	Carbon Tetrachloride	20.000	18.920	5.4	74	0.00
34 M	Benzene	20.000	18.983	5.1	73	0.00
35	Methacrylonitrile	20.000	17.030	14.8	63	0.00
36 M	1,2-Dichloroethane	20.000	19.599	2.0	75	0.00
37 M	Trichloroethene	20.000	18.855	5.7	72	0.00
38	Methylcyclohexane	20.000	16.882	15.6	66	0.00
39 M	1,2-Dichloropropane	20.000	19.588	2.1	75	0.00
40	Dibromomethane	20.000	19.315	3.4	76	0.00
41 M	Bromodichloromethane	20.000	19.522	2.4	77	0.00
42 M	Vinyl Acetate	100.000	91.361	8.6	71	0.00
43	Ethyl Acetate	20.000	17.630	11.9	73	0.00
44	Isopropyl Acetate	20.000	18.221	8.9	71	0.00
45 T	1,4-Dioxane	400.000	435.156	-8.8	82	0.00
46	Methyl methacrylate	20.000	17.361	13.2	71	0.00
47	n-amyl Acetate	20.000	15.849	20.8	64	0.00
48 M	t-1,3-Dichloropropene	20.000	17.484	12.6	70	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	18.134	9.3	71	0.00
50 M	1,1,2-Trichloroethane	20.000	19.025	4.9	74	0.00
51	Ethyl methacrylate	20.000	16.457	17.7	67	0.00
52	1,3-Dichloropropane	20.000	18.909	5.5	74	0.00
53 M	Dibromochloromethane	20.000	17.911	10.4	73	0.00
54 M	1,2-Dibromoethane	20.000	18.215	8.9	70	0.00
55 M	2-Chloroethyl vinyl ether	100.000	73.303	26.7	62	0.00
56 M	Bromoform	20.000	16.711	16.4	71	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	75	0.00
58 M	4-Methyl-2-Pentanone	100.000	91.797	8.2	71	0.00
59 M	2-Hexanone	100.000	87.425	12.6	65	0.00
60 S	4-Bromofluorobenzene	30.000	27.848	7.2	74	0.00
61 M	Tetrachloroethene	20.000	19.872	0.6	76	0.00
62 M	Toluene	20.000	18.878	5.6	72	0.00
63 S	Toluene-d8	30.000	31.613	-5.4	78	0.00
64 M	Chlorobenzene	20.000	18.579	7.1	73	0.00
65	1,1,1,2-Tetrachloroethane	20.000	18.685	6.6	73	0.00
66 M	Ethyl Benzene	20.000	17.984	10.1	71	0.00
67 M	m/p-Xylenes	40.000	35.907	10.2	71	0.00
68 M	o-Xylene	20.000	17.549	12.3	70	0.00
69 M	Styrene	20.000	17.355	13.2	71	0.00
70	Isopropylbenzene	20.000	17.578	12.1	70	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.157	4.2	74	0.00
72	1,2,3-Trichloropropane	20.000	19.333	3.3	72	0.00
73	Bromobenzene	20.000	17.975	10.1	74	0.00
74	n-propylbenzene	20.000	18.066	9.7	72	0.00
75	2-Chlorotoluene	20.000	18.270	8.7	73	0.00
76	1,3,5-Trimethylbenzene	20.000	17.878	10.6	71	0.00
77	t-1,4-Dichloro-2-butene	20.000	16.108	19.5	67	0.00
78	4-Chlorotoluene	20.000	17.629	11.9	71	0.00
79	tert-butylbenzene	20.000	17.459	12.7	71	0.00
80	1,2,4-Trimethylbenzene	20.000	17.666	11.7	70	0.00
81	sec-Butylbenzene	20.000	17.698	11.5	72	0.00
82	p-Isopropyltoluene	20.000	17.061	14.7	70	0.00
83 M	1,3-Dichlorobenzene	20.000	18.140	9.3	75	0.00
84 M	1,4-Dichlorobenzene	20.000	17.375	13.1	71	0.00
85	n-Butylbenzene	20.000	16.570	17.1	68	0.00
86 T	Hexachloroethane	20.000	17.621	11.9	73	0.00
87 M	1,2-Dichlorobenzene	20.000	18.161	9.2	73	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	17.813	10.9	67	0.00
89	1,2,4-Trichlorobenzene	20.000	14.892	25.5	60	0.00
90	Hexachlorobutadiene	20.000	19.404	3.0	76	0.00
91 M	Naphthalene	20.000	11.542	42.3#	42	0.00
92	1,2,3-Trichlorobenzene	20.000	15.235	23.8	57	0.00

(#) = Out of Range

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