

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022324\
 Data File : VN081160.D
 Acq On : 23 Feb 2024 14:50
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 24 00:14:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:55:02 2024
 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	64	0.00
2 M	Dichlorodifluoromethane	20.000	18.006	10.0	63	0.00
3 M	Chloromethane	20.000	17.091	14.5	59	0.00
4 M	Vinyl Chloride	20.000	15.156	24.2	52	0.00
5 M	Bromomethane	20.000	14.411	27.9#	48	0.05
6 M	Chloroethane	20.000	15.523	22.4	52	0.02
7 M	Trichlorofluoromethane	20.000	17.024	14.9	56	0.02
8 T	Diethyl Ether	20.000	19.305	3.5	65	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	17.230	13.8	56	0.01
10 M	1,1-Dichloroethene	20.000	16.703	16.5	54	0.01
11	Methyl Iodide	20.000	12.899	35.5#	45	0.00
12	Methyl Acetate	20.000	23.861	-19.3	81	0.00
13 M	Acrolein	100.000	121.467	-21.5	78	0.00
14 M	Acrylonitrile	100.000	114.765	-14.8	77	0.00
15 M	Acetone	100.000	112.843	-12.8	76	0.00
16 M	Carbon Disulfide	20.000	15.776	21.1	51	0.00
17	Allyl chloride	20.000	20.286	-1.4	66	0.00
18 M	Methylene Chloride	20.000	18.121	9.4	58	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.564	17.2	53	0.01
20 T	Diisopropyl ether	20.000	21.248	-6.2	72	0.00
21 M	1,1-Dichloroethane	20.000	18.836	5.8	62	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.033	14.8	55	0.00
23 M	tert-Butyl Alcohol	100.000	114.069	-14.1	75	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.288	3.6	64	0.00
25 M	Chloroform	20.000	17.900	10.5	58	0.00
26	Cyclohexane	20.000	19.778	1.1	63	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.926	-6.4	69	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	61	0.00
29	1,1-Dichloropropene	20.000	18.127	9.4	56	0.00
30 M	2-Butanone	100.000	119.345	-19.3	76	0.00
31	2,2-Dichloropropane	20.000	17.478	12.6	55	0.01
32 M	1,1,1-Trichloroethane	20.000	16.998	15.0	54	0.00
33 M	Carbon Tetrachloride	20.000	17.104	14.5	54	0.00
34 M	Benzene	20.000	18.555	7.2	58	0.00
35	Methacrylonitrile	20.000	24.047	-20.2	79	0.00
36 M	1,2-Dichloroethane	20.000	20.456	-2.3	63	0.00
37 M	Trichloroethene	20.000	16.859	15.7	52	0.00
38	Methylcyclohexane	20.000	20.718	-3.6	65	0.00
39 M	1,2-Dichloropropane	20.000	19.939	0.3	62	0.00
40	Dibromomethane	20.000	19.487	2.6	61	0.00
41 M	Bromodichloromethane	20.000	18.777	6.1	60	0.00
42 M	Vinyl Acetate	100.000	112.099	-12.1	73	0.00
43	Ethyl Acetate	20.000	24.292	-21.5	76	0.00
44	Isopropyl Acetate	20.000	24.571	-22.9	79	0.00
45 T	1,4-Dioxane	400.000	479.634	-19.9	75	0.00
46	Methyl methacrylate	20.000	23.875	-19.4	78	0.00
47	n-amyl Acetate	20.000	24.121	-20.6	77	0.00
48 M	t-1,3-Dichloropropene	20.000	18.913	5.4	61	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.377	3.1	61	0.00
50 M	1,1,2-Trichloroethane	20.000	19.257	3.7	62	0.00
51	Ethyl methacrylate	20.000	20.942	-4.7	68	0.00
52	1,3-Dichloropropane	20.000	20.285	-1.4	64	0.00
53 M	Dibromochloromethane	20.000	17.833	10.8	58	0.00
54 M	1,2-Dibromoethane	20.000	19.067	4.7	61	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.004	-7.0	69	0.00
56 M	Bromoform	20.000	17.469	12.7	58	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	64	0.00
58 M	4-Methyl-2-Pentanone	100.000	121.199	-21.2	80	0.00
59 M	2-Hexanone	100.000	120.772	-20.8	81	0.00
60 S	4-Bromofluorobenzene	30.000	30.097	-0.3	63	0.00
61 M	Tetrachloroethene	20.000	17.416	12.9	55	0.00
62 M	Toluene	20.000	18.021	9.9	58	0.00
63 S	Toluene-d8	30.000	29.926	0.2	63	0.00
64 M	Chlorobenzene	20.000	17.999	10.0	58	0.00
65	1,1,1,2-Tetrachloroethane	20.000	17.209	14.0	55	0.00
66 M	Ethyl Benzene	20.000	18.218	8.9	58	0.00
67 M	m/p-Xylenes	40.000	36.062	9.8	57	0.00
68 M	o-Xylene	20.000	17.584	12.1	57	0.00
69 M	Styrene	20.000	18.390	8.0	59	0.00
70	Isopropylbenzene	20.000	19.059	4.7	61	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	19.457	2.7	63	0.00
72	1,2,3-Trichloropropane	20.000	20.392	-2.0	68	0.00
73	Bromobenzene	20.000	18.295	8.5	58	0.00
74	n-propylbenzene	20.000	20.060	-0.3	64	0.00
75	2-Chlorotoluene	20.000	19.298	3.5	61	0.00
76	1,3,5-Trimethylbenzene	20.000	19.860	0.7	63	0.00
77	t-1,4-Dichloro-2-butene	20.000	22.180	-10.9	75	0.00
78	4-Chlorotoluene	20.000	19.243	3.8	61	0.00
79	tert-butylbenzene	20.000	20.352	-1.8	63	0.00
80	1,2,4-Trimethylbenzene	20.000	19.689	1.6	62	0.00
81	sec-Butylbenzene	20.000	20.608	-3.0	65	0.00
82	p-Isopropyltoluene	20.000	19.925	0.4	64	0.00
83 M	1,3-Dichlorobenzene	20.000	18.178	9.1	56	0.00
84 M	1,4-Dichlorobenzene	20.000	18.610	7.0	58	0.00
85	n-Butylbenzene	20.000	21.588	-7.9	70	0.00
86 T	Hexachloroethane	20.000	20.947	-4.7	68	0.00
87 M	1,2-Dichlorobenzene	20.000	18.792	6.0	61	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.583	-2.9	72	0.00
89	1,2,4-Trichlorobenzene	20.000	20.642	-3.2	65	0.00
90	Hexachlorobutadiene	20.000	16.726	16.4	54	0.00
91 M	Naphthalene	20.000	21.126	-5.6	69	0.00
92	1,2,3-Trichlorobenzene	20.000	20.642	-3.2	65	0.00

(#) = Out of Range

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