

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084078.D
 Acq On : 20 Sep 2024 18:22
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 20 23:30:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 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	86	0.00
2 M	Dichlorodifluoromethane	20.000	19.461	2.7	85	0.00
3 M	Chloromethane	20.000	20.031	-0.2	88	0.00
4 M	Vinyl Chloride	20.000	19.594	2.0	87	0.00
5 M	Bromomethane	20.000	21.484	-7.4	93	0.05
6 M	Chloroethane	20.000	19.281	3.6	87	0.04
7 M	Trichlorofluoromethane	20.000	19.181	4.1	86	0.03
8 T	Diethyl Ether	20.000	18.241	8.8	81	0.01
9	1,1,2-Trichlorotrifluoroeth	20.000	18.709	6.5	85	0.01
10 M	1,1-Dichloroethene	20.000	17.900	10.5	81	0.02
11	Methyl Iodide	20.000	17.339	13.3	78	0.00
12	Methyl Acetate	20.000	23.105	-15.5	108	0.00
13 M	Acrolein	100.000	101.028	-1.0	82	0.00
14 M	Acrylonitrile	100.000	108.843	-8.8	98	0.01
15 M	Acetone	100.000	85.315	14.7	82	0.00
16 M	Carbon Disulfide	20.000	18.177	9.1	81	0.01
17	Allyl chloride	20.000	17.461	12.7	79	0.01
18 M	Methylene Chloride	20.000	20.133	-0.7	90	0.01
19 M	trans-1,2-Dichloroethene	20.000	18.586	7.1	82	0.01
20 T	Diisopropyl ether	20.000	20.179	-0.9	94	0.00
21 M	1,1-Dichloroethane	20.000	20.036	-0.2	90	0.00
22 M	cis-1,2-Dichloroethene	20.000	18.886	5.6	84	0.00
23 M	tert-Butyl Alcohol	100.000	111.875	-11.9	98	-0.01
24 M	Methyl tert-Butyl Ether	20.000	19.149	4.3	85	0.00
25 M	Chloroform	20.000	19.712	1.4	88	0.00
26	Cyclohexane	20.000	18.122	9.4	82	0.00
27 s	1,2-Dichloroethane-d4	30.000	30.526	-1.8	87	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	81	0.00
29	1,1-Dichloropropene	20.000	19.581	2.1	84	0.00
30 M	2-Butanone	100.000	112.279	-12.3	97	0.00
31	2,2-Dichloropropane	20.000	15.886	20.6	69	0.00
32 M	1,1,1-Trichloroethane	20.000	20.121	-0.6	86	0.00
33 M	Carbon Tetrachloride	20.000	19.954	0.2	87	0.00
34 M	Benzene	20.000	20.731	-3.7	87	0.00
35	Methacrylonitrile	20.000	22.781	-13.9	95	0.00
36 M	1,2-Dichloroethane	20.000	20.882	-4.4	89	0.00
37 M	Trichloroethene	20.000	20.239	-1.2	89	0.00
38	Methylcyclohexane	20.000	16.791	16.0	74	0.00
39 M	1,2-Dichloropropane	20.000	21.768	-8.8	93	0.00
40	Dibromomethane	20.000	21.196	-6.0	88	0.00
41 M	Bromodichloromethane	20.000	21.890	-9.5	95	0.00
42 M	Vinyl Acetate	100.000	97.338	2.7	90	0.00
43	Ethyl Acetate	20.000	20.524	-2.6	87	0.00
44	Isopropyl Acetate	20.000	30.209	-51.0#	130	0.00
45 T	1,4-Dioxane	400.000	473.465	-18.4	95	0.00
46	Methyl methacrylate	20.000	21.392	-7.0	94	0.00
47	n-amyl Acetate	20.000	22.651	-13.3	99	0.00
48 M	t-1,3-Dichloropropene	20.000	18.873	5.6	82	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	19.290	3.6	85	0.00
50 M	1,1,2-Trichloroethane	20.000	22.248	-11.2	95	0.00
51	Ethyl methacrylate	20.000	20.090	-0.4	84	0.00
52	1,3-Dichloropropane	20.000	20.896	-4.5	89	0.00
53 M	Dibromochloromethane	20.000	21.028	-5.1	93	0.00
54 M	1,2-Dibromoethane	20.000	20.567	-2.8	89	0.00
55 M	2-Chloroethyl vinyl ether	100.000	110.625	-10.6	85	0.00
56 M	Bromoform	20.000	21.480	-7.4	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	100.000	124.833	-24.8	105	0.00
59 M	2-Hexanone	100.000	119.757	-19.8	102	0.00
60 S	4-Bromofluorobenzene	30.000	29.594	1.4	82	0.00
61 M	Tetrachloroethene	20.000	20.301	-1.5	89	0.00
62 M	Toluene	20.000	20.541	-2.7	87	0.00
63 S	Toluene-d8	30.000	31.482	-4.9	85	0.00
64 M	Chlorobenzene	20.000	20.217	-1.1	86	0.00
65	1,1,1,2-Tetrachloroethane	20.000	20.831	-4.2	90	0.00
66 M	Ethyl Benzene	20.000	19.096	4.5	84	0.00
67 M	m/p-Xylenes	40.000	38.986	2.5	84	0.00
68 M	o-Xylene	20.000	19.339	3.3	82	0.00
69 M	Styrene	20.000	19.733	1.3	85	0.00
70	Isopropylbenzene	20.000	19.003	5.0	83	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.111	-15.6	97	0.00
72	1,2,3-Trichloropropane	20.000	22.704	-13.5	96	0.00
73	Bromobenzene	20.000	19.576	2.1	84	0.00
74	n-propylbenzene	20.000	19.226	3.9	84	0.00
75	2-Chlorotoluene	20.000	19.396	3.0	84	0.00
76	1,3,5-Trimethylbenzene	20.000	19.555	2.2	84	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.085	4.6	84	0.00
78	4-Chlorotoluene	20.000	19.187	4.1	84	0.00
79	tert-butylbenzene	20.000	18.564	7.2	79	0.00
80	1,2,4-Trimethylbenzene	20.000	19.233	3.8	84	0.00
81	sec-Butylbenzene	20.000	19.270	3.7	86	0.00
82	p-Isopropyltoluene	20.000	18.238	8.8	81	0.00
83 M	1,3-Dichlorobenzene	20.000	19.101	4.5	83	0.00
84 M	1,4-Dichlorobenzene	20.000	18.417	7.9	80	0.00
85	n-Butylbenzene	20.000	17.555	12.2	80	0.00
86 T	Hexachloroethane	20.000	18.905	5.5	84	0.00
87 M	1,2-Dichlorobenzene	20.000	18.872	5.6	83	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	22.042	-10.2	95	0.00
89	1,2,4-Trichlorobenzene	20.000	16.198	19.0	71	0.00
90	Hexachlorobutadiene	20.000	18.366	8.2	83	0.00
91 M	Naphthalene	20.000	15.835	20.8	70	0.00
92	1,2,3-Trichlorobenzene	20.000	16.198	19.0	71	0.00

(#) = Out of Range

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