

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081774.D
 Acq On : 17 Apr 2024 16:40
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 18 01:12:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 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	46	-0.01
2 M	Dichlorodifluoromethane	20.000	19.139	4.3	44	0.00
3 M	Chloromethane	20.000	36.911	-84.6#	81	0.00
4 M	Vinyl Chloride	20.000	32.325	-61.6#	79	0.00
5 M	Bromomethane	20.000	27.662	-38.3#	59	0.00
6 M	Chloroethane	20.000	34.142	-70.7#	81	0.00
7 M	Trichlorofluoromethane	20.000	24.419	-22.1	45	0.00
8 T	Diethyl Ether	20.000	20.434	-2.2	44	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.459	-2.3	44	0.00
10 M	1,1-Dichloroethene	20.000	19.480	2.6	42	0.00
11	Methyl Iodide	20.000	14.899	25.5#	41	0.00
12	Methyl Acetate	20.000	24.016	-20.1	55	0.00
13 M	Acrolein	100.000	104.013	-4.0	51	0.00
14 M	Acrylonitrile	100.000	112.093	-12.1	51	0.00
15 M	Acetone	100.000	120.274	-20.3	54	0.00
16 M	Carbon Disulfide	20.000	20.257	-1.3	45	0.00
17	Allyl chloride	20.000	21.996	-10.0	48	0.00
18 M	Methylene Chloride	20.000	22.140	-10.7	49	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.788	1.1	43	0.00
20 T	Diisopropyl ether	20.000	23.299	-16.5	50	0.00
21 M	1,1-Dichloroethane	20.000	22.286	-11.4	49	0.00
22 M	cis-1,2-Dichloroethene	20.000	20.763	-3.8	46	0.00
23 M	tert-Butyl Alcohol	100.000	105.741	-5.7	45	0.01
24 M	Methyl tert-Butyl Ether	20.000	21.064	-5.3	46	0.00
25 M	Chloroform	20.000	23.016	-15.1	50	0.00
26	Cyclohexane	20.000	21.927	-9.6	49	0.00
27 s	1,2-Dichloroethane-d4	30.000	34.359	-14.5	50	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	44	0.00
29	1,1-Dichloropropene	20.000	21.440	-7.2	50	0.00
30 M	2-Butanone	100.000	116.702	-16.7	53	0.00
31	2,2-Dichloropropane	20.000	20.825	-4.1	46	0.00
32 M	1,1,1-Trichloroethane	20.000	21.257	-6.3	48	0.00
33 M	Carbon Tetrachloride	20.000	21.134	-5.7	49	0.00
34 M	Benzene	20.000	21.703	-8.5	50	0.00
35	Methacrylonitrile	20.000	24.966	-24.8	57	0.00
36 M	1,2-Dichloroethane	20.000	23.787	-18.9	55	0.00
37 M	Trichloroethene	20.000	20.170	-0.9	47	0.00
38	Methylcyclohexane	20.000	19.432	2.8	44	0.00
39 M	1,2-Dichloropropane	20.000	22.151	-10.8	51	0.00
40	Dibromomethane	20.000	22.363	-11.8	50	0.00
41 M	Bromodichloromethane	20.000	22.769	-13.8	52	0.00
42 M	Vinyl Acetate	100.000	112.153	-12.2	51	0.00
43	Ethyl Acetate	20.000	21.148	-5.7	51	0.00
44	Isopropyl Acetate	20.000	23.583	-17.9	56	0.00
45 T	1,4-Dioxane	400.000	467.008	-16.8	52	0.00
46	Methyl methacrylate	20.000	23.570	-17.9	56	0.00
47	n-amyl Acetate	20.000	23.314	-16.6	56	0.00
48 M	t-1,3-Dichloropropene	20.000	21.917	-9.6	50	0.00

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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)
49 T	cis-1,3-Dichloropropene	20.000	21.393	-7.0	49	0.00
50 M	1,1,2-Trichloroethane	20.000	21.960	-9.8	50	0.00
51	Ethyl methacrylate	20.000	20.654	-3.3	48	0.00
52	1,3-Dichloropropane	20.000	22.744	-13.7	51	0.00
53 M	Dibromochloromethane	20.000	22.250	-11.3	51	0.00
54 M	1,2-Dibromoethane	20.000	21.036	-5.2	48	0.00
55 M	2-Chloroethyl vinyl ether	100.000	107.795	-7.8	51	0.00
56 M	Bromoform	20.000	23.238	-16.2	54	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	45	0.00
58 M	4-Methyl-2-Pentanone	100.000	124.406	-24.4	58	0.00
59 M	2-Hexanone	100.000	123.450	-23.5	58	0.00
60 S	4-Bromofluorobenzene	30.000	31.234	-4.1	48	0.00
61 M	Tetrachloroethene	20.000	20.723	-3.6	49	0.00
62 M	Toluene	20.000	20.967	-4.8	48	0.00
63 S	Toluene-d8	30.000	31.713	-5.7	47	0.00
64 M	Chlorobenzene	20.000	21.439	-7.2	49	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.413	-7.1	48	0.00
66 M	Ethyl Benzene	20.000	20.673	-3.4	47	0.00
67 M	m/p-Xylenes	40.000	42.800	-7.0	48	0.00
68 M	o-Xylene	20.000	20.953	-4.8	48	0.00
69 M	Styrene	20.000	21.077	-5.4	49	0.00
70	Isopropylbenzene	20.000	21.373	-6.9	49	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	24.694	-23.5	56	0.00
72	1,2,3-Trichloropropane	20.000	25.521	-27.6#	57	0.00
73	Bromobenzene	20.000	21.612	-8.1	50	0.00
74	n-propylbenzene	20.000	21.404	-7.0	50	0.00
75	2-Chlorotoluene	20.000	21.867	-9.3	50	0.00
76	1,3,5-Trimethylbenzene	20.000	21.623	-8.1	49	0.00
77	t-1,4-Dichloro-2-butene	20.000	22.169	-10.8	52	0.00
78	4-Chlorotoluene	20.000	22.310	-11.5	50	0.00
79	tert-butylbenzene	20.000	20.916	-4.6	48	0.00
80	1,2,4-Trimethylbenzene	20.000	21.777	-8.9	49	0.00
81	sec-Butylbenzene	20.000	21.429	-7.1	49	0.00
82	p-Isopropyltoluene	20.000	21.151	-5.8	49	0.00
83 M	1,3-Dichlorobenzene	20.000	22.519	-12.6	52	0.00
84 M	1,4-Dichlorobenzene	20.000	22.524	-12.6	51	0.00
85	n-Butylbenzene	20.000	21.763	-8.8	51	0.00
86 T	Hexachloroethane	20.000	22.498	-12.5	53	0.00
87 M	1,2-Dichlorobenzene	20.000	22.901	-14.5	52	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	26.038	-30.2#	64	0.00
89	1,2,4-Trichlorobenzene	20.000	22.032	-10.2	51	0.00
90	Hexachlorobutadiene	20.000	21.759	-8.8	51	0.00
91 M	Naphthalene	20.000	20.145	-0.7	50	0.00
92	1,2,3-Trichlorobenzene	20.000	22.032	-10.2	51	0.00

(#) = Out of Range

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