

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081818.D
 Acq On : 19 Apr 2024 18:52
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 23:53:49 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	49	0.00
2 M	Dichlorodifluoromethane	20.000	16.258	18.7	40	0.00
3 M	Chloromethane	20.000	24.950	-24.7	59	0.00
4 M	Vinyl Chloride	20.000	30.669	-53.3#	81	0.00
5 M	Bromomethane	20.000	24.551	-22.8	57	0.00
6 M	Chloroethane	20.000	28.482	-42.4#	73	0.00
7 M	Trichlorofluoromethane	20.000	20.158	-0.8	40	0.00
8 T	Diethyl Ether	20.000	17.100	14.5	40	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	16.531	17.3	39	0.00
10 M	1,1-Dichloroethene	20.000	16.716	16.4	39	0.00
11	Methyl Iodide	20.000	13.418	32.9#	40	0.00
12	Methyl Acetate	20.000	19.125	4.4	47	0.00
13 M	Acrolein	100.000	87.637	12.4	47	0.00
14 M	Acrylonitrile	100.000	96.468	3.5	47	0.00
15 M	Acetone	100.000	96.823	3.2	47	0.00
16 M	Carbon Disulfide	20.000	15.806	21.0	38	0.00
17	Allyl chloride	20.000	16.592	17.0	40	0.00
18 M	Methylene Chloride	20.000	18.005	10.0	43	0.00
19 M	trans-1,2-Dichloroethene	20.000	16.631	16.8	39	0.00
20 T	Diisopropyl ether	20.000	19.838	0.8	46	0.00
21 M	1,1-Dichloroethane	20.000	18.374	8.1	44	0.00
22 M	cis-1,2-Dichloroethene	20.000	17.587	12.1	42	0.00
23 M	tert-Butyl Alcohol	100.000	94.581	5.4	44	0.00
24 M	Methyl tert-Butyl Ether	20.000	17.894	10.5	42	0.00
25 M	Chloroform	20.000	18.981	5.1	45	0.00
26	Cyclohexane	20.000	17.722	11.4	43	0.00
27 s	1,2-Dichloroethane-d4	30.000	31.517	-5.1	50	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	42	0.00
29	1,1-Dichloropropene	20.000	19.683	1.6	44	0.00
30 M	2-Butanone	100.000	110.552	-10.6	49	0.00
31	2,2-Dichloropropane	20.000	18.096	9.5	38	0.00
32 M	1,1,1-Trichloroethane	20.000	20.453	-2.3	44	0.00
33 M	Carbon Tetrachloride	20.000	19.891	0.5	44	0.00
34 M	Benzene	20.000	19.856	0.7	44	0.00
35	Methacrylonitrile	20.000	24.836	-24.2	54	-0.01
36 M	1,2-Dichloroethane	20.000	22.804	-14.0	50	0.00
37 M	Trichloroethene	20.000	18.834	5.8	43	0.00
38	Methylcyclohexane	20.000	17.165	14.2	38	0.00
39 M	1,2-Dichloropropane	20.000	21.090	-5.4	46	0.00
40	Dibromomethane	20.000	21.531	-7.7	46	0.00
41 M	Bromodichloromethane	20.000	21.661	-8.3	48	0.00
42 M	Vinyl Acetate	100.000	105.805	-5.8	46	0.00
43	Ethyl Acetate	20.000	21.896	-9.5	50	0.00
44	Isopropyl Acetate	20.000	23.078	-15.4	52	0.00
45 T	1,4-Dioxane	400.000	411.102	-2.8	44	0.00
46	Methyl methacrylate	20.000	22.205	-11.0	50	0.00
47	n-amyl Acetate	20.000	23.415	-17.1	54	0.00
48 M	t-1,3-Dichloropropene	20.000	21.297	-6.5	47	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.689	-3.4	46	0.00
50 M	1,1,2-Trichloroethane	20.000	22.393	-12.0	49	0.00
51	Ethyl methacrylate	20.000	20.998	-5.0	47	0.00
52	1,3-Dichloropropane	20.000	21.364	-6.8	46	0.00
53 M	Dibromochloromethane	20.000	21.450	-7.2	47	0.00
54 M	1,2-Dibromoethane	20.000	20.924	-4.6	46	0.00
55 M	2-Chloroethyl vinyl ether	100.000	108.664	-8.7	50	0.00
56 M	Bromoform	20.000	22.852	-14.3	51	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	46	0.00
58 M	4-Methyl-2-Pentanone	100.000	118.934	-18.9	56	0.00
59 M	2-Hexanone	100.000	115.808	-15.8	55	0.00
60 S	4-Bromofluorobenzene	30.000	30.029	-0.1	47	0.00
61 M	Tetrachloroethene	20.000	19.165	4.2	46	0.00
62 M	Toluene	20.000	19.245	3.8	45	0.00
63 S	Toluene-d8	30.000	30.309	-1.0	46	0.00
64 M	Chlorobenzene	20.000	19.991	0.0	47	0.00
65	1,1,1,2-Tetrachloroethane	20.000	19.382	3.1	44	0.00
66 M	Ethyl Benzene	20.000	19.064	4.7	44	0.00
67 M	m/p-Xylenes	40.000	39.089	2.3	45	0.00
68 M	o-Xylene	20.000	19.158	4.2	45	0.00
69 M	Styrene	20.000	18.690	6.5	44	0.00
70	Isopropylbenzene	20.000	19.200	4.0	45	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	22.789	-13.9	53	0.00
72	1,2,3-Trichloropropane	20.000	32.560	-62.8#	74	0.00
73	Bromobenzene	20.000	19.797	1.0	46	0.00
74	n-propylbenzene	20.000	18.829	5.9	45	0.00
75	2-Chlorotoluene	20.000	19.755	1.2	46	0.00
76	1,3,5-Trimethylbenzene	20.000	19.383	3.1	45	0.00
77	t-1,4-Dichloro-2-butene	20.000	20.465	-2.3	49	0.00
78	4-Chlorotoluene	20.000	20.016	-0.1	46	0.00
79	tert-butylbenzene	20.000	18.339	8.3	43	0.00
80	1,2,4-Trimethylbenzene	20.000	19.772	1.1	46	0.00
81	sec-Butylbenzene	20.000	18.330	8.4	43	0.00
82	p-Isopropyltoluene	20.000	18.599	7.0	43	0.00
83 M	1,3-Dichlorobenzene	20.000	20.114	-0.6	47	0.00
84 M	1,4-Dichlorobenzene	20.000	20.180	-0.9	46	0.00
85	n-Butylbenzene	20.000	17.884	10.6	42	0.00
86 T	Hexachloroethane	20.000	19.385	3.1	46	0.00
87 M	1,2-Dichlorobenzene	20.000	20.440	-2.2	47	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	23.728	-18.6	59	0.00
89	1,2,4-Trichlorobenzene	20.000	20.644	-3.2	48	0.00
90	Hexachlorobutadiene	20.000	19.528	2.4	46	0.00
91 M	Naphthalene	20.000	19.287	3.6	48	0.00
92	1,2,3-Trichlorobenzene	20.000	20.644	-3.2	48	0.00

(#) = Out of Range

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