

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101524\
 Data File : VN084412.D
 Acq On : 15 Oct 2024 13:15
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 16 01:19:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 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	97	0.00
2 M	Dichlorodifluoromethane	20.000	20.056	-0.3	92	0.00
3 M	Chloromethane	20.000	19.843	0.8	93	0.00
4 M	Vinyl Chloride	20.000	20.079	-0.4	95	0.00
5 M	Bromomethane	20.000	18.084	9.6	84	0.00
6 M	Chloroethane	20.000	18.634	6.8	87	0.00
7 M	Trichlorofluoromethane	20.000	19.995	0.0	95	0.00
8 T	Diethyl Ether	20.000	18.264	8.7	88	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.851	-4.3	100	0.00
10 M	1,1-Dichloroethene	20.000	19.363	3.2	96	0.00
11	Methyl Iodide	20.000	18.696	6.5	90	0.00
12	Methyl Acetate	20.000	20.800	-4.0	103	0.00
13 M	Acrolein	100.000	111.069	-11.1	116	0.00
14 M	Acrylonitrile	100.000	94.321	5.7	90	0.00
15 M	Acetone	100.000	116.562	-16.6	119	0.00
16 M	Carbon Disulfide	20.000	18.431	7.8	87	0.00
17	Allyl chloride	20.000	18.425	7.9	88	0.00
18 M	Methylene Chloride	20.000	19.888	0.6	95	0.00
19 M	trans-1,2-Dichloroethene	20.000	19.454	2.7	93	0.00
20 T	Diisopropyl ether	20.000	19.430	2.9	92	0.00
21 M	1,1-Dichloroethane	20.000	20.234	-1.2	96	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.571	2.1	92	0.00
23 M	tert-Butyl Alcohol	100.000	86.822	13.2	85	0.00
24 M	Methyl tert-Butyl Ether	20.000	19.120	4.4	92	0.00
25 M	Chloroform	20.000	20.380	-1.9	96	0.00
26	Cyclohexane	20.000	18.241	8.8	84	0.00
27 s	1,2-Dichloroethane-d4	30.000	29.583	1.4	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	20.824	-4.1	95	0.00
30 M	2-Butanone	100.000	106.835	-6.8	99	0.00
31	2,2-Dichloropropane	20.000	22.037	-10.2	101	0.00
32 M	1,1,1-Trichloroethane	20.000	21.516	-7.6	95	0.00
33 M	Carbon Tetrachloride	20.000	21.149	-5.7	96	0.00
34 M	Benzene	20.000	20.833	-4.2	94	0.00
35	Methacrylonitrile	20.000	20.138	-0.7	94	0.00
36 M	1,2-Dichloroethane	20.000	21.182	-5.9	95	0.00
37 M	Trichloroethene	20.000	20.551	-2.8	91	0.00
38	Methylcyclohexane	20.000	19.114	4.4	91	0.00
39 M	1,2-Dichloropropane	20.000	21.294	-6.5	94	0.00
40	Dibromomethane	20.000	21.095	-5.5	96	0.00
41 M	Bromodichloromethane	20.000	21.292	-6.5	97	0.00
42 M	Vinyl Acetate	100.000	98.516	1.5	92	0.00
43	Ethyl Acetate	20.000	19.770	1.2	91	0.00
44	Isopropyl Acetate	20.000	19.706	1.5	90	0.00
45 T	1,4-Dioxane	400.000	417.891	-4.5	101	0.00
46	Methyl methacrylate	20.000	19.468	2.7	90	0.00
47	n-amyl Acetate	20.000	19.306	3.5	89	0.00
48 M	t-1,3-Dichloropropene	20.000	19.635	1.8	92	0.00

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	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	20.000	20.991	-5.0	94	0.00
50 M	1,1,2-Trichloroethane	20.000	21.298	-6.5	97	0.00
51	Ethyl methacrylate	20.000	18.965	5.2	88	0.00
52	1,3-Dichloropropane	20.000	20.466	-2.3	92	0.00
53 M	Dibromochloromethane	20.000	20.537	-2.7	94	0.00
54 M	1,2-Dibromoethane	20.000	20.548	-2.7	92	0.00
55 M	2-Chloroethyl vinyl ether	100.000	116.364	-16.4	112	0.00
56 M	Bromoform	20.000	20.024	-0.1	95	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	100.000	100.576	-0.6	92	0.00
59 M	2-Hexanone	100.000	102.566	-2.6	95	0.00
60 S	4-Bromofluorobenzene	30.000	31.325	-4.4	96	0.00
61 M	Tetrachloroethene	20.000	21.688	-8.4	98	0.00
62 M	Toluene	20.000	21.044	-5.2	96	0.00
63 S	Toluene-d8	30.000	31.305	-4.3	95	0.00
64 M	Chlorobenzene	20.000	20.570	-2.9	94	0.00
65	1,1,1,2-Tetrachloroethane	20.000	21.353	-6.8	97	0.00
66 M	Ethyl Benzene	20.000	20.112	-0.6	93	0.00
67 M	m/p-Xylenes	40.000	42.474	-6.2	97	0.00
68 M	o-Xylene	20.000	20.109	-0.5	93	0.00
69 M	Styrene	20.000	20.207	-1.0	93	0.00
70	Isopropylbenzene	20.000	20.264	-1.3	92	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	21.368	-6.8	98	0.00
72	1,2,3-Trichloropropane	20.000	20.543	-2.7	95	0.00
73	Bromobenzene	20.000	21.097	-5.5	97	0.00
74	n-propylbenzene	20.000	20.932	-4.7	96	0.00
75	2-Chlorotoluene	20.000	20.996	-5.0	96	0.00
76	1,3,5-Trimethylbenzene	20.000	21.391	-7.0	98	0.00
77	t-1,4-Dichloro-2-butene	20.000	19.255	3.7	95	0.00
78	4-Chlorotoluene	20.000	20.925	-4.6	97	0.00
79	tert-butylbenzene	20.000	20.418	-2.1	95	0.00
80	1,2,4-Trimethylbenzene	20.000	21.027	-5.1	97	0.00
81	sec-Butylbenzene	20.000	21.151	-5.8	97	0.00
82	p-Isopropyltoluene	20.000	20.900	-4.5	98	0.00
83 M	1,3-Dichlorobenzene	20.000	21.403	-7.0	99	0.00
84 M	1,4-Dichlorobenzene	20.000	21.323	-6.6	102	0.00
85	n-Butylbenzene	20.000	20.176	-0.9	99	0.00
86 T	Hexachloroethane	20.000	20.716	-3.6	97	0.00
87 M	1,2-Dichlorobenzene	20.000	21.344	-6.7	100	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.225	-1.1	94	0.00
89	1,2,4-Trichlorobenzene	20.000	20.047	-0.2	97	0.00
90	Hexachlorobutadiene	20.000	20.463	-2.3	100	0.00
91 M	Naphthalene	20.000	17.423	12.9	85	0.00
92	1,2,3-Trichlorobenzene	20.000	20.047	-0.2	97	0.00

(#) = Out of Range

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