

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084307.D
 Acq On : 04 Oct 2024 08:58
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 04 22:53:50 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	102	0.00
2 M	Dichlorodifluoromethane	20.000	18.571	7.1	96	0.00
3 M	Chloromethane	20.000	20.720	-3.6	108	0.00
4 M	Vinyl Chloride	20.000	18.987	5.1	99	0.00
5 M	Bromomethane	20.000	22.026	-10.1	113	0.05
6 M	Chloroethane	20.000	19.211	3.9	102	0.04
7 M	Trichlorofluoromethane	20.000	19.228	3.9	102	0.03
8 T	Diethyl Ether	20.000	18.548	7.3	97	0.00
9	1,1,2-Trichlorotrifluoroeth	20.000	20.992	-5.0	113	0.01
10 M	1,1-Dichloroethene	20.000	20.257	-1.3	108	0.02
11	Methyl Iodide	20.000	18.367	8.2	97	0.00
12	Methyl Acetate	20.000	25.843	-29.2#	143	0.00
13 M	Acrolein	100.000	127.180	-27.2#	122	0.00
14 M	Acrylonitrile	100.000	113.260	-13.3	121	0.01
15 M	Acetone	100.000	119.715	-19.7	135	0.00
16 M	Carbon Disulfide	20.000	19.333	3.3	101	0.01
17	Allyl chloride	20.000	17.820	10.9	95	0.01
18 M	Methylene Chloride	20.000	21.409	-7.0	112	0.01
19 M	trans-1,2-Dichloroethene	20.000	20.087	-0.4	105	0.01
20 T	Diisopropyl ether	20.000	21.124	-5.6	116	0.00
21 M	1,1-Dichloroethane	20.000	20.946	-4.7	111	0.00
22 M	cis-1,2-Dichloroethene	20.000	19.948	0.3	104	0.00
23 M	tert-Butyl Alcohol	100.000	117.412	-17.4	122	-0.01
24 M	Methyl tert-Butyl Ether	20.000	18.939	5.3	99	0.01
25 M	Chloroform	20.000	20.336	-1.7	107	0.00
26	Cyclohexane	20.000	17.452	12.7	93	0.00
27 s	1,2-Dichloroethane-d4	30.000	27.846	7.2	94	0.00
28 I	1,4-Difluorobenzene	30.000	30.000	0.0	91	0.00
29	1,1-Dichloropropene	20.000	21.818	-9.1	106	0.00
30 M	2-Butanone	100.000	128.732	-28.7#	126	0.00
31	2,2-Dichloropropane	20.000	20.864	-4.3	102	0.00
32 M	1,1,1-Trichloroethane	20.000	21.883	-9.4	106	0.00
33 M	Carbon Tetrachloride	20.000	21.477	-7.4	105	0.00
34 M	Benzene	20.000	23.013	-15.1	109	0.00
35	Methacrylonitrile	20.000	23.212	-16.1	109	0.00
36 M	1,2-Dichloroethane	20.000	21.281	-6.4	102	0.00
37 M	Trichloroethene	20.000	22.769	-13.8	112	0.00
38	Methylcyclohexane	20.000	18.538	7.3	92	0.00
39 M	1,2-Dichloropropane	20.000	23.367	-16.8	113	0.00
40	Dibromomethane	20.000	22.926	-14.6	108	0.00
41 M	Bromodichloromethane	20.000	23.084	-15.4	113	0.00
42 M	Vinyl Acetate	100.000	98.965	1.0	103	0.00
43	Ethyl Acetate	20.000	21.962	-9.8	105	0.00
44	Isopropyl Acetate	20.000	23.850	-19.3	116	0.00
45 T	1,4-Dioxane	400.000	536.504	-34.1#	122	0.00
46	Methyl methacrylate	20.000	18.836	5.8	93	0.00
47	n-amyl Acetate	20.000	22.288	-11.4	110	0.00
48 M	t-1,3-Dichloropropene	20.000	21.229	-6.1	104	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100424\
 Data File : VN084307.D
 Acq On : 04 Oct 2024 08:58
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 04 22:53:50 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)
49 T	cis-1,3-Dichloropropene	20.000	22.254	-11.3	110	0.00
50 M	1,1,2-Trichloroethane	20.000	24.573	-22.9	119	0.00
51	Ethyl methacrylate	20.000	21.055	-5.3	100	0.00
52	1,3-Dichloropropane	20.000	22.748	-13.7	110	0.00
53 M	Dibromochloromethane	20.000	23.587	-17.9	117	0.00
54 M	1,2-Dibromoethane	20.000	23.049	-15.2	112	0.00
55 M	2-Chloroethyl vinyl ether	100.000	123.928	-23.9	107	0.00
56 M	Bromoform	20.000	23.955	-19.8	119	0.00
57 I	Chlorobenzene-d5	30.000	30.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	100.000	126.465	-26.5#	124	0.00
59 M	2-Hexanone	100.000	124.345	-24.3	124	0.00
60 S	4-Bromofluorobenzene	30.000	30.732	-2.4	100	0.00
61 M	Tetrachloroethene	20.000	22.519	-12.6	116	0.00
62 M	Toluene	20.000	22.138	-10.7	110	0.00
63 S	Toluene-d8	30.000	31.716	-5.7	100	0.00
64 M	Chlorobenzene	20.000	21.521	-7.6	107	0.00
65	1,1,1,2-Tetrachloroethane	20.000	22.449	-12.2	113	0.00
66 M	Ethyl Benzene	20.000	19.601	2.0	101	0.00
67 M	m/p-Xylenes	40.000	42.017	-5.0	106	0.00
68 M	o-Xylene	20.000	20.641	-3.2	102	0.00
69 M	Styrene	20.000	20.983	-4.9	106	0.00
70	Isopropylbenzene	20.000	19.878	0.6	102	0.00
71 M	1,1,2,2-Tetrachloroethane	20.000	23.588	-17.9	116	0.00
72	1,2,3-Trichloropropane	20.000	26.320	-31.6#	130	0.00
73	Bromobenzene	20.000	21.342	-6.7	108	0.00
74	n-propylbenzene	20.000	20.791	-4.0	107	0.00
75	2-Chlorotoluene	20.000	20.798	-4.0	105	0.00
76	1,3,5-Trimethylbenzene	20.000	20.702	-3.5	104	0.00
77	t-1,4-Dichloro-2-butene	20.000	21.896	-9.5	113	0.00
78	4-Chlorotoluene	20.000	20.873	-4.4	107	0.00
79	tert-butylbenzene	20.000	19.583	2.1	97	0.00
80	1,2,4-Trimethylbenzene	20.000	20.790	-3.9	106	0.00
81	sec-Butylbenzene	20.000	20.159	-0.8	105	0.00
82	p-Isopropyltoluene	20.000	19.685	1.6	103	0.00
83 M	1,3-Dichlorobenzene	20.000	21.123	-5.6	108	0.00
84 M	1,4-Dichlorobenzene	20.000	20.471	-2.4	104	0.00
85	n-Butylbenzene	20.000	18.409	8.0	98	0.00
86 T	Hexachloroethane	20.000	21.062	-5.3	109	0.00
87 M	1,2-Dichlorobenzene	20.000	20.917	-4.6	107	0.00
88	1,2-Dibromo-3-Chloropropane	20.000	20.878	-4.4	105	0.00
89	1,2,4-Trichlorobenzene	20.000	18.132	9.3	94	0.00
90	Hexachlorobutadiene	20.000	20.866	-4.3	111	0.00
91 M	Naphthalene	20.000	16.247	18.8	84	0.00
92	1,2,3-Trichlorobenzene	20.000	18.132	9.3	94	0.00

(#) = Out of Range

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